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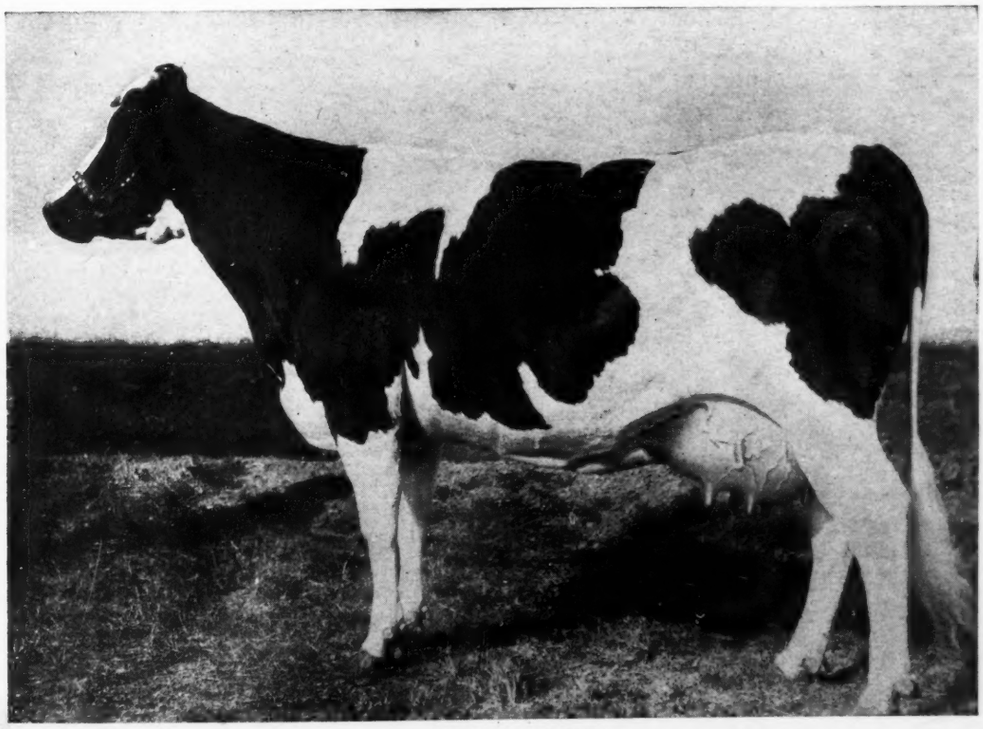


TILLY ALCARTRA
Long distance champion of the world over all ages and all breeds. Owned by A. W. Morris & Sons

Entered as second class matter December 10, 1918, at the Postoffice at Lacona, N. Y., under the Act of March 3, 1879.

KING BESS PONTIAC SEGIS

BORN AUG. 6, 1918

A Very Beautiful Show Calf, 2-3 White — From A 2 Times 30-lb. Dam

HIS THREE NEAREST DAMS ARE THREE OF THE GREATEST COWS AT ARDEN FARMS

King Abbekerk Pontiac Segis
No. 132098.
Brother to:
Year Records—
Beauty Girl Pontiac Segis 3y 1112.91
Milk 24,924.70
Floa Walker Pontiac Segis 3y 1031.29
Milk 20,546.40
Jewel Pontiac Segis 26m 1004.25
Milk 21,891.80
Johanna Deen Segis Pontiac 2y 971.34
Milk 22,937.20
(World's milk record in class.)
Lady Hendriekje De Kol 3d 3y 966.73
Milk 19,887.10
By a brother to the sires of:
Superba Palmyra 3y 39.24
(World's record in class.)
Milk 678.40
Superba Maple Cove 3y 34.42
Milk 543.00
Woodcrest Pietje Pontiac 4½y 31.66
Princess Sunnymede Segis 31.40

Wisconsin Bess Piebe Laura 2d
No. 184909.
Butter 7 days 34.48
Milk 568.90
Butter 30 days 123.21
Butter 7 days 4y 30.42
Butter 30 days 116.77
Butter 7 days 2½y 25.08
Butter 30 days 98.99
Butter 346 days 2y 638.9
Milk 14340.1
Sister to the sire of:
Iowana Mooie 4y 30.03
Butter 30 days 120.44
By a brother to the sires of:
Rachel Tritomia De Kol 31.25
Butter 30 days 127.69
Fobes Clothilde 4½y 31.21
Milk 609.40
Jess Evergreen De Kol 2d 4y 31.19

King Segis Pontiac Count
No. 93909.
31 A. R. O. daughters—
Beauty Girl Pontiac Segis 3½y 37.16
Butter 30 days 136.17
Jewel Pontiac Segis 3½y 35.27
Milk 768.70
Butter 30 days 142.09
Butter 60 days 276.00
Lola Pontiac Segis 4y 34.13
Butter 30 days 139.60
Lady Hendriekje De Kol 3d 3y 32.90
17 others from 20 to 29 lbs.

Tidy Abbekerk Princess Gisella
No. 143378.
Butter 7 days 7y 34.94
Milk 745.90
Butter 30 days 140.44
Milk 3038.20
Butter 365 days 1227.01
Milk 27,444.30
2 A. R. O. daughters—
Princess Gisella Walker 4½y 31.23
Milk 626.40
Butter 30 days 126.02
Butter 7 days 2½y 24.26

Oak De Kol 2d Homestead Fobes
No. 65750.
12 A. R. O. daughters—
Wisconsin Bess Piebe Laura 2d 34.48
Butter 7 days 4y 30.42
Johanna Fayne Mooie Homestead 4½y 31.27
Oak De Kol Surprise 22.57
Milk 540.60
Daisy Oak Homestead Fobes 22.13

Wisconsin Bess Piebe Laura
No. 97555.
Butter 7 days 29.63
Milk 538.50
Butter 30 days 118.99
Milk 2180.20
At 4 yr 1 mo 28 days—
Butter 7 days 25.99
Milk 479.60
3 A. R. O. daughters—
Wisconsin Bess Piebe Laura 2d 34.48
Butter 7 days 4y 30.42

King Segis Pontiac
No. 44444.
98 A. R. O. daughters—
K S P Diona 31.82
25 others from 20 to 30 lbs.
38 A. R. O. sons

K P Lilith Clothilde
No. 110228.
Butter 7 days 5y 29.04
Butter 30 days 120.65
Butter 7 days 4y 27.56
Butter 365 days 1043.28

Tidy Abbekerk Prince
No. 37770.
87 A. R. O. daughters—
Tidy Abbekerk Princess Gisella 34.94
8 others above 30 lbs.
46 others above 20 lbs.
42 producing daughters

Jewel Wayne De Kol
No. 67903.
Butter 7 days 12½y 20.03
Milk 466.10
4 A. R. O. daughters—
Tidy Abbekerk Princess Gisella 34.94
One other with 30 lbs.

Fobes Tritomia Mutual De Kol
No. 40534.
38 A. R. O. daughters—
Lady Oak Fobes De Kol 36.44
Butter 365 days 991.50
Jessie Fobes Bessie Homestead:
Butter 7 days 4y 34.96
25 others from 20 to 30 lbs.

Oak De Kol 2d
No. 66793.
Butter 7 days 29.55
Milk 547.40
2 A. R. O. sons

Piebe Laura Ormsby Gem
No. 36652.
6 A. R. O. daughters—
Wisconsin Bess Piebe Laura 29.63
Milk 538.50
Ollie Watson Prima Donna 2d 26.65

Wisconsin Bess Piebe
No. 71899.
Butter 7 days 22.99
Milk 441.60
2 A. R. O. daughters—
Wisconsin Bess Piebe Laura 29.63
Wisconsin Bess Fayne 25.79

Better Get Full Details Today

ARDEN FARMS J. M. HACKNEY **St. Paul, Minn.**

Please mention the Holstein-Friesian World when writing to our advertisers

WE are in a position to offer some unusually well bred, handsome, beautifully colored sons of Sir Prilly Segis (14 20-lb. 2-year-old daughters) from daughters of Ormsby Korndyke Lad (5 30-lb. daughters) and vice versa in breeding. It is the combination that will bring the results.

BEAVER DAM FARM

Montgomery, N. Y.

Yearly Production — Individuality

Breeders, do you realize what you are doing when you buy a young herd sire? Do you realize that individuality and production must be combined in order to produce the results we are all looking for?

You don't want a daughter of a high record bull that is a sloping, poor individual. Neither do you want a good individual that gives no milk.

Finderne Pride Johanna Rue, his dam

Come to Syracuse and see some of the bulls we are offering. And see their dams and grandams as well. It won't cost you anything to look at them. You know, when a man has something good, it is a satisfaction to him to have others appreciate it.

We have several sons of Finderne Pride Johanna Korndyke which are just what you want in color and individuality, and we can show you their dams and grandams.

ANTRIM FARMS

C. L. AMOS, Proprietor **Syracuse, N. Y.**

Two More 1000-lb. Cows

LENA DE KOL 3d

Butter 1178.49
Milk 26768.80

CADDY MUTUAL DE KOL

Butter 1128.79
Milk 24449.10

Our Ten Best Records Average:

Butter 1107.4
Milk 25957.5

Our Twenty Best Records Average:

Butter 987.23
Milk 24017.00

CLEVELAND CITY FARM

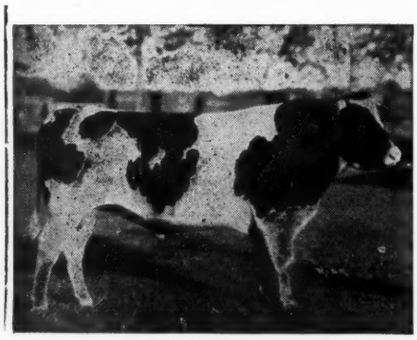
WARRENSVILLE, OHIO

L. H. MOULTON, Farm Supt. H. L. STARKEY, Charge of Cattle

A Bull With a Real Future and a Record Past

His Dam

COLLEGE BELLE WAYNE Butter 35.375 lbs. Milk 824.30 lbs. in 7 days. World's record for combined butter and milk at the time made. Dam of 2 A. R. O. daughters and 2 proven sons.



Sire of eight A. R. O. daughters. He has received Grand Champion Honor at two successive South Dakota State Fairs, the only place he has ever been shown.

SIR COLLEGE CORNUCOPIA 2d No. 97432

A Magnificent Individual Weighing Over 2700 Lbs.

We are offering for sale one of his sons from Lady Acmeanna Ormsby De Kol 31.135 lbs. butter in 7 days. She is a great producing cow, large, well built, and just the kind that you would select as dam of your herd sire.

THE CALF

Born March 21, 1918. He is a nice straight individual, beautiful color, being more than half white, perfect top line, of large size and ready for service. We have only a few sons of Sir College Cornucopia 2d left and if you want a calf from a bull that is going over the top write us.

WESTKOTA FARM

M. J. SMILEY, Owner **Belle Fourche, S. D.**

The Power of the Strongest Forces

Hengerveld De Kol 47.35

50.68

King of the Pontiacs

The Mighty Monarch

Pontiac Korndyke

39.43

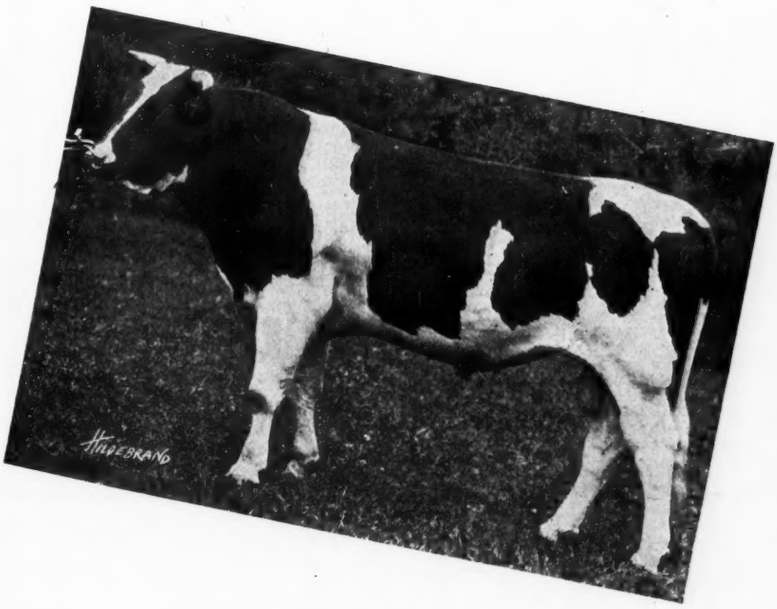
35.55

King Segis

BROAD MEADOWS FARMS

P. T. BRADY
Owner

PAWLING NEW YORK



Breed Your Best

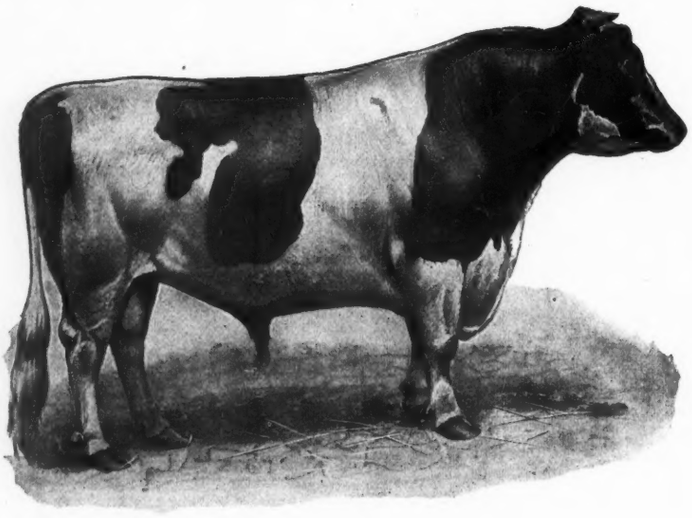
To a Sire of this Quality and Enjoy a World-wide Reputation.

Fee

$300

Is Always Apparent in the Result

Colantha Johanna Lad 32481



117 A. R. O. Daughters

Greatest Producing and Transmitting Bull of the Breed.

The phenomenal performances of his daughters and the wonderful work of his sons are unequalled.

We Offer

FOR SALE

The last and only son of the great Colantha Johanna Lad we will have.

King Rag Apple Aaggie Colantha

At 2 years old, ready for heavy service and the greatest bred one living.

His Dam

Rag Apple Aaggie Colantha 233800

Butter 7 days	34.70 lbs.
Milk	553.20 lbs.
Butter 30 days	138.45 lbs.
Milk	2403.30 lbs.
(at 3 years old)	

Notice her wonderful breeding.

Dutchland Sir Pontiac Rag Apple, 47282
34 A. R. O. daughters
Full brother to Pontiac Clothilde De Kol 2d—
Butter 7 days 37.21 lbs.
Milk 646.10 lbs.
Butter 1 year 1271.60 lbs.
Milk 25318.00 lbs.

Pontiac Korndyke, 25982
147 A. R. O. daughters
Fairview Korndyke Mata 47.16 lbs.
19 from 30 to 47.16 lbs.

Manor Josephine De Kol, 22779
6 A. R. O. daughters

Belle Korndyke, 13913
Butter 7 days 25.77 lbs.

Pontiac Clothilde De Kol, 49657
Dam of Pontiac Clothilde De Kol 2d
Butter in 7 days 37.21 lbs.
Pontiac Rag Apple 31.62 lbs.

Hengerveld De Kol, 23102
116 A. R. O. daughters

Rag Apple's Clothilde Artis, 34741
3 A. R. O. daughters

Dutchland Colantha Aaggie Cornucopia, 110176
Butter in 7 days **34.76 lbs.**
Milk 676.40
Butter in 30 days 134.34 lbs.
Milk 2763.60 lbs.
Butter in 60 days 252.76 lbs.
Milk 5279.50 lbs.
Sister to Dutchland Colantha Vale butter 1082 lbs., milk one year 27625 **lbs.**

Colantha Johanna Lad, 32481
117 A. R. O. daughters
20 from 30 to 36.00 lbs.
27 from 600 lbs. milk to 750.00 lbs.

Sarcastic Lad, 23971
34 A. R. O. daughters

Colantha 4th's Johanna, 48577
Butter 7 days 35.22 lbs.
Milk in one year 27432.00 lbs.
Butter 1247.00 lbs.

Aaggie Cornucopia of Dutchland, 80000
Butter in 7 days **30.00 lbs.**
Milk 601.50 lbs.
Butter in 30 days 113.28 lbs.
Milk 2563.30 lbs.

Lilith Pauline De Kol's Son, 30412
25 A. R. O. daughters

Aaggie Cornucopia Pauline, 48426
Butter in 7 days **34.32 lbs.**
Milk 713.00 lbs.
Butter in 30 days 137.62 lbs.

NOTED FIELD HERD

Owned by

D. W. FIELD FARM CO. **Oak Street, Montello, Mass.**

Over The Top

We can't stop him

The Phenomenal Record of

Colantha Johanna Lad

117 A. R. O. Daughters 20 Above 30 lbs.

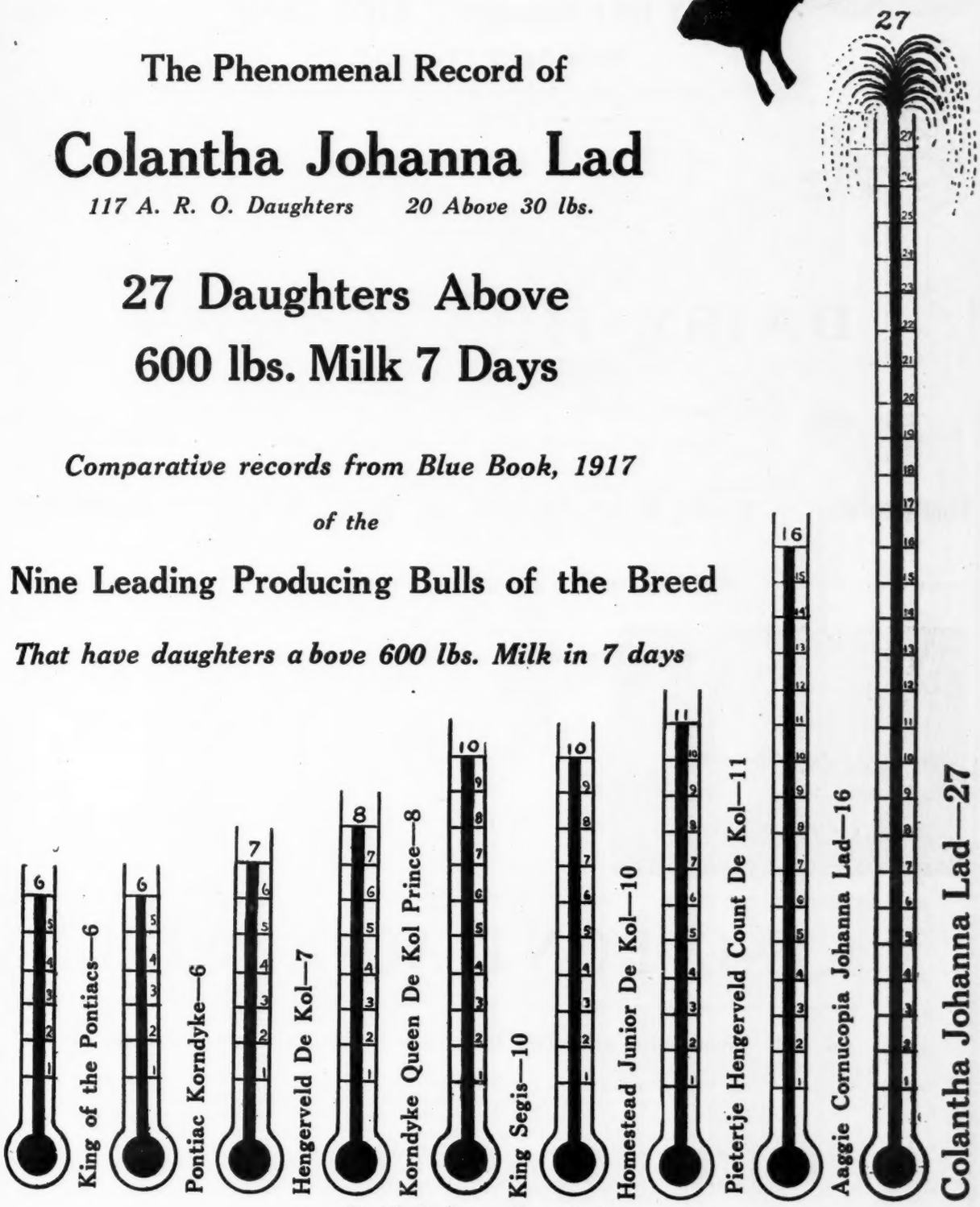
27 Daughters Above 600 lbs. Milk 7 Days

Comparative records from Blue Book, 1917

of the

Nine Leading Producing Bulls of the Breed

That have daughters a bove 600 lbs. Milk in 7 days



Bull Calves For Sale

NOTED FIELD HERD

Owned by

D. W. FIELD FARM CO. **Oak Street, Montello, Mass.**

DAISY HILL KORNDYKE KING 236759

Born April 17, 1918

Sire: **Maplecrest Pontiac Burton**, a son of Pontiac Aaggie Korndyke and Lady of Burton De Kol.

Dam: **Pauline Brightview** a granddaughter of Mutual Pietertje Paul with these records:

Butter	28.35
Milk	582.10
Butter	108.62
Milk	2362.60

Pauline Brightview, one of the greatest cows in the Daisy Hill herd, is now on year test, strictly official, and in 192 days has produced 641 lb. butter and 15266 lb. milk. She should make close to 1200-lb. for the year. She is the dam of our herd sire, King of the Pontiacs Son therefore you may judge our opinion of her.
This youngster is about evenly and very nicely marked.
Photo and pedigree on application.

DAISY HILL FARMS

JAS. A. REYNOLDS

Chagrin Falls **Ohio**

UNCLE SAM INSPECTS OUR HEALTH

EVERY ONE A DAISY

HIS 40-lb. FULL SISTER

A Full Sister to Our Herd Sire

KING PONTIAC KONIGEN

The Only Living Sire with Two Daughters Under Full Age Averaging 40 lb.

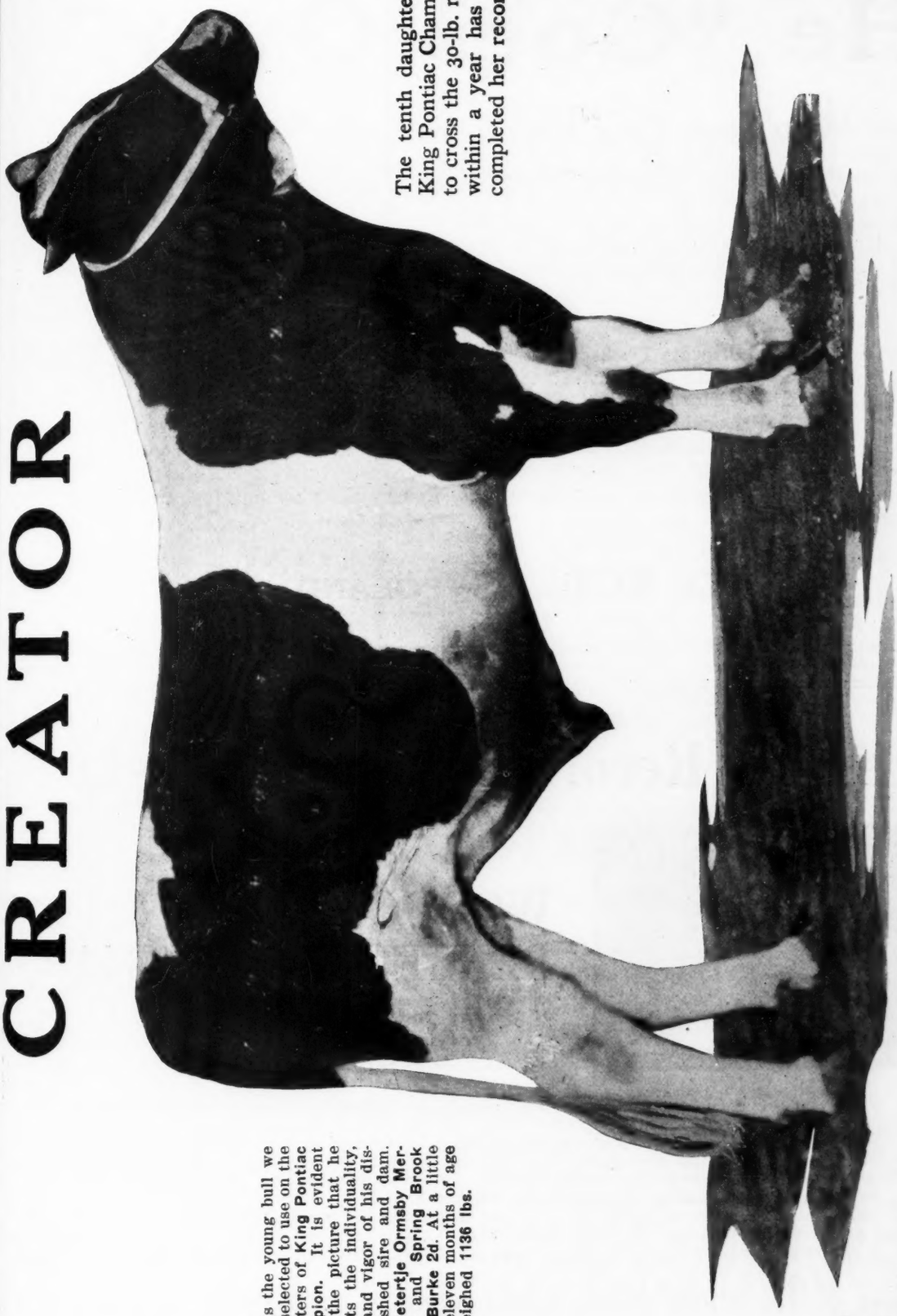
King Pontiac Konigen is a son of King of the Pontiacs (28 30-lb. daughters) from Diona Konigen Pietertje, a 37-lb. cow and dam of two daughters both above 36 lbs. He is a full brother to K P Diona Pietertje, with a record of 40.12 lb. and she the dam of King Segis Pontiac Konigen and Majestic Rag Apple both of which sold for $35,000 each.

One of his daughters holds the world champion junior 4-year-old record and three others have made better than 30-lb. He with his sire and grandsire are the only three direct generations of sires each of which have sired a 30-lb. daughter.

We are in a position to offer sons of this sire.

WOODLAWN DAIRY Lincoln, Neb.

CREATOR



This is the young bull we have selected to use on the daughters of **King Pontiac Champion.** It is evident from the picture that he inherits the individuality, size, and vigor of his distinguished sire and dam. **Sir Pietertje Ormsby Mercedes** and **Spring Brook Bess Burke 2d.** At a little over eleven months of age he weighed **1136 lbs.**

The tenth daughter of King Pontiac Champion to cross the 30-lb. mark within a year has just completed her record.

Dept. F **PABST STOCK FARM** **Oconomowoc, Wis.**

He "Goes Over"

Who Says King Korndyke Sadie Vale is Not Going Over the Top?

He now advances with a great stride. Five junior 2-year-old daughters—now on test at Pleasant Hill average nearly 23-lb. butter, 434.5 lb. milk. They are as follows and in test for 30 days:

	BUTTER.	MILK.
K K S V Princess Tricksey	28.54	442.9
K K S V Jennie Veeman	22.45	449.1
K K S V Victoria De Kol	22.21	466.5
K K S V Lockhart	22.58	430.1
K K S V Stella Korndyke	19.42	389.5

All except the last mentioned heifer have sons sired by Sir Veeman Hengerveld. Better get one NOW.

W. D. ROBENS, POLAND, N. Y.

Highest Record Bull in Wisconsin

No other sire in Wisconsin is from such a high record dam as

WOODCROFT PERFECTION 119944

the young son of the wonderful dairy cow, Lady Perfection Korndyke.

This great cow is one of the only two cows in the world to have 40-lb. 7-day records and 1,000-lb. year's records.

She is the only cow in the world with the exception of the dam of the $53,200 bull having two records averaging 38.83 lbs. each, made from over 700 lbs. milk. She is the only cow in the United States having two 30-day records averaging 152.37 lbs. butter, each made from over 3,000 lbs. milk.

In addition, she is the grand champion show cow of her state.

The sire of Woodcroft Perfection is Champion De Kol, a son of the wonderful producer and show cow, Aaggie Pauline Sarcastic (36.35 lbs. butter, 619.9 lbs. milk in seven days).

ISN'T HE YOUR KIND OF A BULL? SERVICE FEE—$150 FOR APPROVED COWS

JOINT OWNERS: AITKEN BROS., BAIRD BROS., S. A. BAIRD & SON, MUCKLESTON BROS., D. J. HOWELL — WAUKESHA WIS.

A SHOW BULL

NEARLY WHITE

BROTHER TO $106,000 BULL

READY FOR USE

PRICED TO SELL

BREEDING—

This beautiful youngster (born January 30, 1918) is sired by King Echo Sylvia Johanna, the sire of the $106,000 bull and now at the head of the Brothertown Herd. King Echo Sylvia Johanna is a son of Belle Model Johanna 2d, twice over 37 lb. and dam of Belle Model Pietje, three times over 33 lbs. His sire is Avondale Pontiac Echo, a son of May Echo Sylvia.

The dam of the calf is Pietje Inka Pontiac, one of the good daughters of King Pontiac Artis Canada, a 31-lb. son of King of the Pontiacs being from Pontiac Artis, a daughter of Hengerveld De Kol. King Pontiac Artis Canada now has close to fifty tested daughters up to 34 lb. as 3-year-olds. The dam as a 2-year-old made 19.15 lb. and came back as a 3-year-old with 22.58 lbs. She is from Pietje Inka De Kol with 26.34 lb. as a 3-year-old and 27.70 lb. in 7 days and 115.23 lb. in 30 days as a 4-year-old. She is a daughter of Prince Hengerveld Pietje (ten 30-lb. daughters) and from an A. R. O. cow tracing to De Kol 2d's Butter Boy 3d.

His seven nearest dams are all officially tested and 3 of them are above 31 lb.

INDIVIDUALITY—

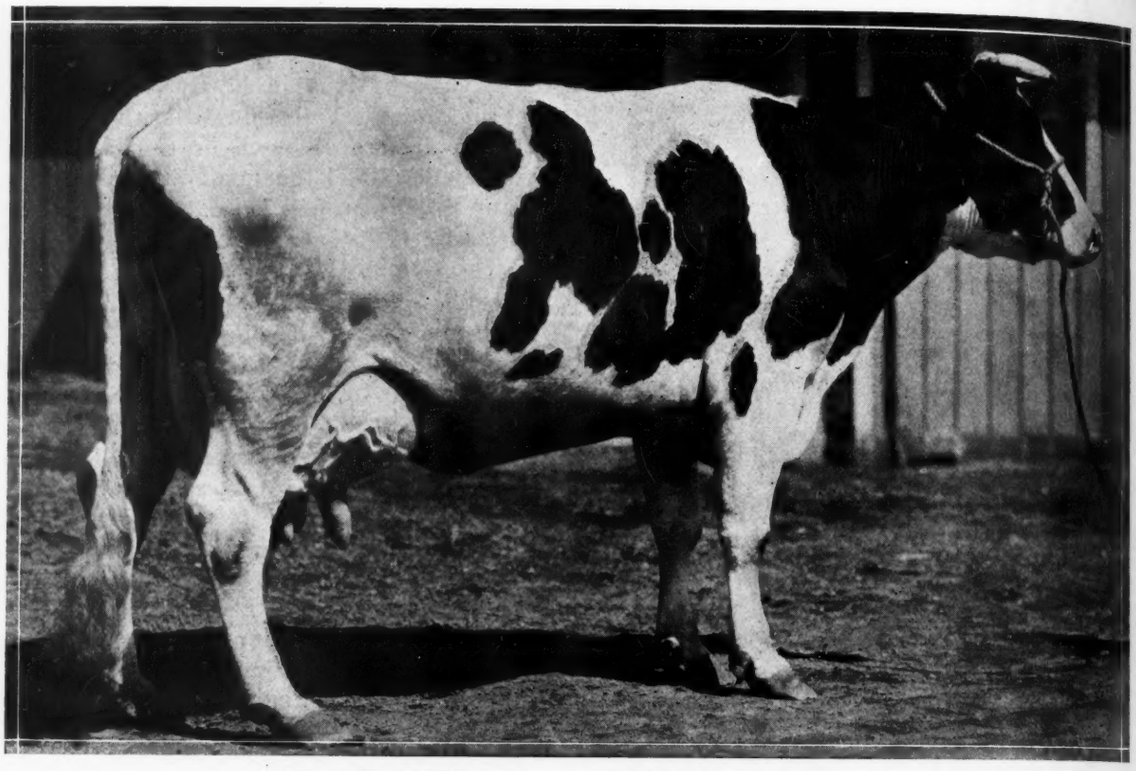
He is beautifully colored, nearly all white, perfectly straight like all of the get of his sire and a regular show bull in every respect.

THE PRICE is low enough so that he will sell immediately. He must be moved at once. If you want a bull bred in the purple and combining high individuality, this is the one for you. A wire will close the transaction. NOW.

AVONDALE FARM

BROCKVILLE CANADA

The World Champion Cow Fou



The World Champion and ONLY 50-lb. cow
SEGIS FAYNE JOHANNA, 50.68 lb.
is dam of

Segis Hengerveld Fayne Johanna 47.35
Pietertje Fayne Johanna 4y 34.54

Segis Fayne Pietertje 4y 31.51
Segis Fayne Rag Apple 31m 22.01

Segis Fayne Johanna and her eldest daughter hold the world's record for dam and daughter.
Segis Fayne Johanna and her two oldest daughters hold the world's record for cow and two daughters.
Segis Fayne Johanna and her three oldest daughters hold the world's record for cow and three daughters.
Segis Fayne Johanna and her four tested daughters hold the world's record for cow and daughters.

Segis Fayne Johanna's four daughters hold the world's record for the daughters of any one cow.
Segis Fayne Johanna, her eldest daughter and her dam hold the world's record for three direct descendant cows.
Segis Fayne Johanna is the only cow with three 30-lb. daughters whose dam also has three daughters above 30 lb.
Segis Fayne Johanna is also the dam of the World Wonder Bull, Rag Apple the Great.

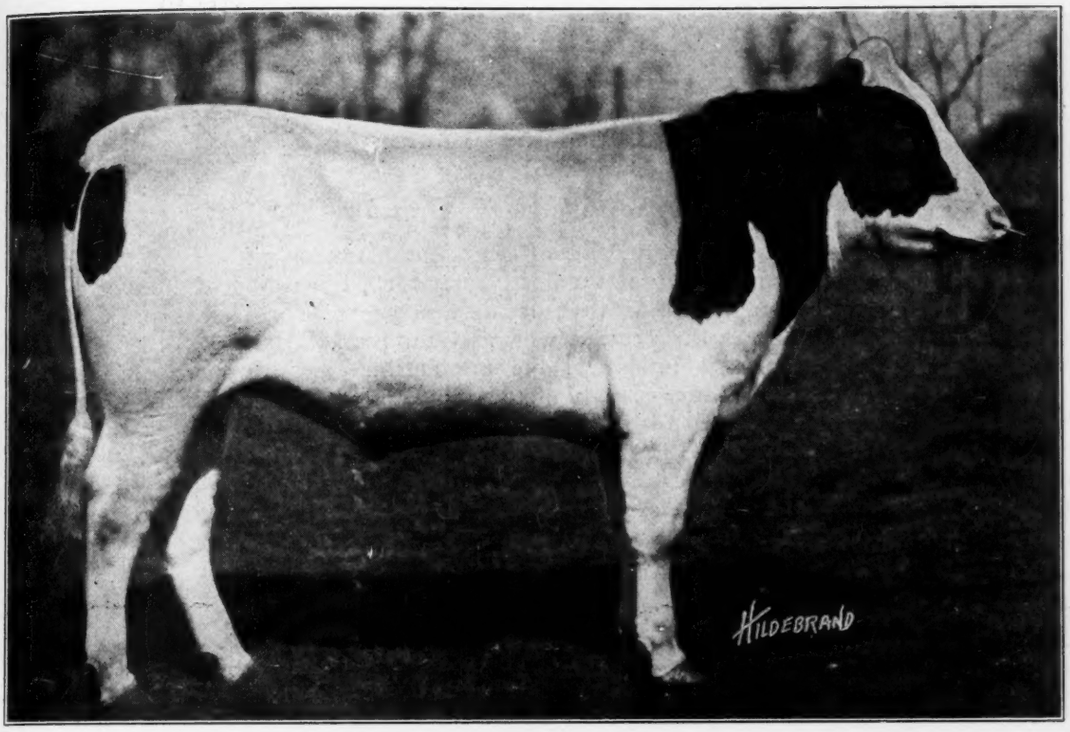
PINE GROVE

Dr. H. P. Fischer, head of the Mudcura Sanitarium, came all the way from Shakopee, Minnesota, in search of a herd bull that would combine superior individuality with the best of breeding. In King Rag Apple Hopeful, son of Rag Apple Korndyke 8th and Riverview Pontiac Hopeful, 39.14 lb. butter in seven days, he found the bull his heart desired, a grand individual from a cow of wonderful merit, producing capacity and breeding. So King Rag Apple Hopeful leaves Pine Grove Farms to head the Mudcura Herd where he is bound to make good. Sons of Rag Apple Korndyke 8th always do.

King Mutual Konigen has been greatly admired by visitors to Pine Grove Farms during the past year. His splendid type, his attractive markings and general show ring qualities would draw attention anywhere. This son of our Mottled Twisk Pontiac Mutual (37.37 lb. as a junior four-year-old) will be herd sire for Charles Eldridge, Porterville, N. Y. and, as Mr. Eldridge's herd is small, will also stand for service at a very low price for one of his quality and breeding. His six nearest dams average 36.93 lb. butter in 7-day official work, his five nearest over 35 lb.

Oliver Cabana, Jr. **PINE GR**

The World Champion Family



RAG APPLE THE GREAT

"The World Wonder Bull"

The ONLY son of the ONLY 50-lb. cow

What about placing one of his sons at the head of YOUR herd?

M-O-O-S

Pine Grove Farm Holsteins are esteemed highly in the South. J. E. Candle, Stone Mountain, Ga., purchased the good young cow Lady Aaggie Prilly Walker December 1st. In our Christmas mail comes a letter from him saying "Received Lady Aaggie Prilly Walker O. K. Am pleased with her so far and she seems to be doing well." She is with calf by Rag Apple Korndyke 8th, "The Greatest Bull in the World" so Mr. Candle has something good in store.

The consignment of Pine Grove Farms to the Erie County Breeders' Sale is one of remarkable quality. There is a splendid son of the great Rag Apple Korndyke 8th from a 30-lb. cow, a 32-lb. cow and two of her daughters, and several beautiful daughters of Rag Apple Korndyke 8th bred to the World Wonder Bull, Rag Apple the Great. Back of each and every animal consigned is the usual binding guarantee of Pine Grove Farms and the personal guarantee of Oliver Cabana Jr. This sale will be held January 31, 1919 at the Crandall Barn, East Buffalo, N. Y. If you miss this you will miss a real treat.

VE FARMS **Elma, N. Y.**

DUCHESS SKYLARK ORMSBY
The world's record for yearly butter production. Her figures are 1,506.34 lbs. butter from 27,-761.07 lbs. milk. Her 7-day figures are 34.35 lbs. butter from 588.1 lbs. milk.

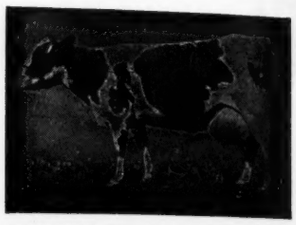
A Combination of Champions

Colantha Johanna Champion 45674

Son of Colantha 4th's Johanna

Sir Ormsby Banostine Champion 166276

Son of Duchess Skylark Ormsby



COLANTHA 4th's JOHANNA
Her butter records in all classes were world's records when made. Her figures are:

	But. lbs.	Mk. lbs.
7 days	35.21	651.70
30 days	138.54	2873.6
8m. after calv.	21.6	478.6
365 days	1257	27,432.

WE BELIEVE in the yearly record, the official demonstration of year-in, year-out production. We have sought to get the best yearly record breeding of the world and there is no better combination than that of the first great World's Champion, COLANTHA 4th's JOHANNA, and the present world's Champion, DUCHESS SKYLARK ORMSBY. These two wonderful animals are the foundation cows from which we are building a great herd of yearly producers. And we have 22 cows which average 875.82 pounds of butter and 20,969.8 pounds of milk, all of which have made better than 600 pounds of fat in one year. COLANTHA JOHANNA CHAMPION now has 49 A. R. O. daughters; we have 53 of his daughters, 39 of them not yet in milk. They are being bred to SIR ORMSBY BANOSTINE CHAMPION, and as fast as they freshen they are put on official test for 365 days.

We offer bull calves of this great combination of breeding.

EMBLAGAARD DAIRY **Marquette, Mich.**

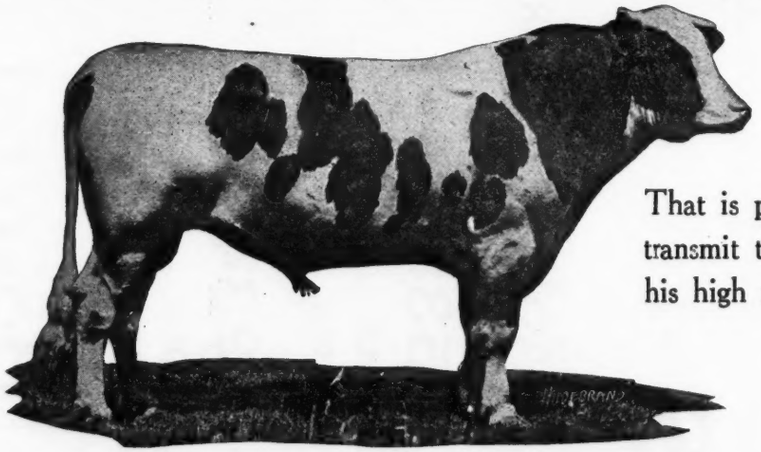
IF you would buy a bull with thirty dams in his pedigree having records of 25-lb. to 40-lb. and averaging over 30-lb., we can offer you a choice of two such calves sired by the great King Joh from daughters of King Lyons.

MOYERDALE FARM

SYRACUSE, N. Y.

H. A. MOYER, Owner **JAS. GILLETTE, Supt.**

The Bull Without a Doubt



That is producing his great individuality in his offspring is sure to transmit the great producing qualities which he has inherited from his high record ancestors.

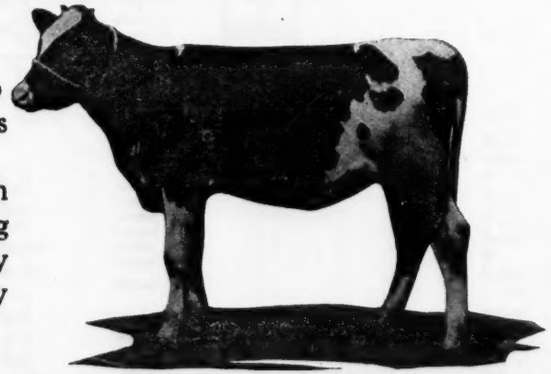
This is not a guess when a sire can produce a calf like this from a dam like this.

KING PONTIAC HENGERVELD FAYNE

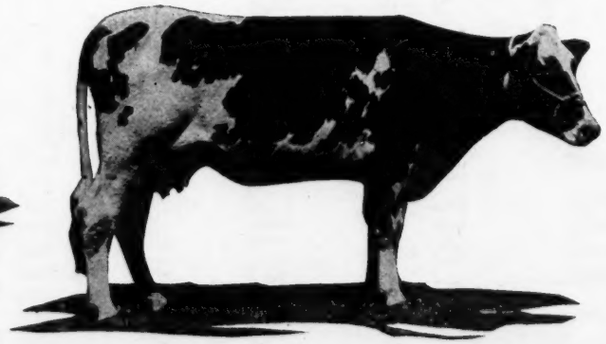
The Sire

THIS is the kind of a bull to breed to if you want results such as shown here.

There are a lot of good high record cows, that their offspring should bring a lot more money but don't. Why, because they lack individuality.



The Calf



The Dam

Belevidere PEQUEST FARMS New Jersey

Pontiac
Aaggie
Korndyke

The Long Distance Pair

Friend
Hengerveld
De Kol
Butter Boy

Ten of Their Daughters

Have Produced in ONE YEAR

12,047 lb. Butter **234,443 lb. Milk**

IT'S THE AVERAGE THAT COUNTS

1204.7 lb. *Butter* **4.1%** **23443.7 lb.** *Milk*

No Other Herd Has Two Such Sires at Its Head

Meet Success Through a Maplecrest Bull—

Charts and Information for the Asking.

THE MAPLECREST STOCK FARM CO.

CHARDON, OHIO

YES

Two More 1000 lb. Cows Added to Our List

Pontiac Nyx 153863

Butter . . . . . 1042.
Milk 23030.6

Pontiac Tidy 223480

Butter 1003.4
Milk 24006.4

Pontiac State Hospital

E. H. HALSEY, Steward **PONTIAC, MICH.**

Hurry! Hurry! Hurry!

And Make Your Plans to Attend the

SALE AT LIVERPOOL

January 20 and 21, 1919

We are sending ELEVEN HEAD of Cows all safe in calf to

King of the Rag Apples

"The Greater Bull"

No. 215089

As we have daughters from all of these cows we would like to reserve the right of having them sent back to our farm to be tested by CHARLES E. COLE.

The Greatest Developer of 40-lb. and World's Champions the World Has Ever Known

These are all young cows of outstanding individuality straight and right in every particular and we would not sell one of them if we knew that they were not going where they would have a chance.

WE ALSO EXPECT TO EXHIBIT KING OF THE RAG APPLES DURING THE SALE

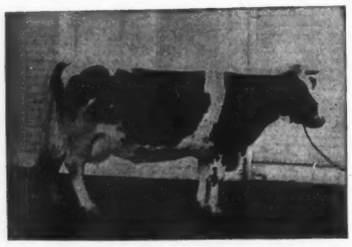
Send for a catalog early and look up our consignment and come to the sale with the intention of securing some of these cows. For further information write

CRESCENT VALLEY FARM

Granville, N. Y.

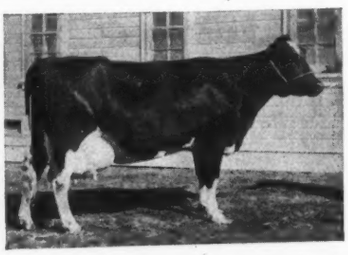
The E. C. SCHROEDER FARMS Have Developed

QUEEN PIEBE MERCEDES
Butter at 4y 4m 1,389.45
Milk 30,230.20
(World's records)

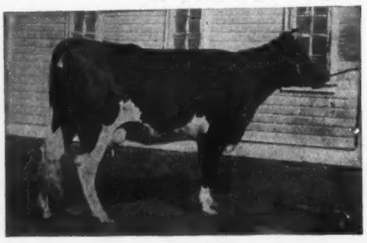


BESS PIETERTJE ORMSBY MERCEDES
Butter at 5y 1,235.33
Milk 30,230.20

SPRING BROOK BESS BURKE
Butter at 9y 1,094.16
Milk 25,227.10



JENNY WREN KORNDYKE HENGERVELD
Butter at 7y 1,050.49
Milk 24,060.00



COLANTHA PIETERTJE LASS
Butter at 4y 4m 1, 023.68
Milk 19,921.80

FIVE COWS AVERAGING
Butter 365 days 1,231.44
Milk 27,681.44
(Three heifers included)

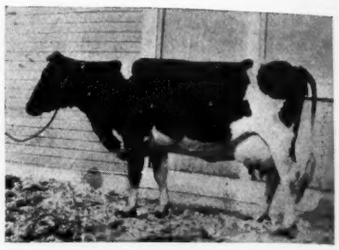
TEN COWS AVERAGING
Butter 365 days 1,144.11
Milk 25,393.03
(Four heifers included)

TWENTY COWS AVERAGING
Butter 365 days 1,009.53
Milk 21,825.05
(Over half heifers)

FIVE HEIFERS
Butter 365 days 1,139.67
Milk 23,931.12

TEN HEIFERS AVERAGING
Butter 365 days ... 1,000.38
Milk 20,933.82

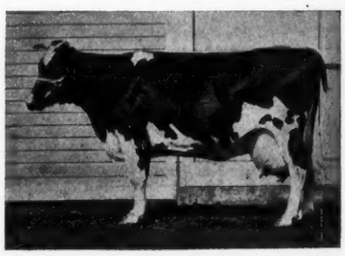
The E. C. Schroeder Farms
MOORHEAD MINN.



AAGGIE WAYNE PEEP
Butter at 6y 2m 1,250.35
Milk 27,762.50

DINAH PAULINE CLOTHILDE ORMSBY
Butter at 4y 6m 1,146.01
Milk 24,078.10

QUEEN PIEBE ORMSBY MERCEDES
Butter at 4y 1,136.01
Milk 24,134.20



RIVERVIEW FYTJE DE KOL ORMSBY
Butter at 6y 1,070.75
Milk 26,134.20

SPRING BROOK BESS BURKE 2d
Butter at 5y 1,044.91
Milk 23,340.10

Holstein-Friesian World

Vol. XVI Lacona, N. Y., and Syracuse, N. Y., January 11, 1919 No. 2

Tilly Alcartra—The Real Dairy Queen

HER SIXTH YEAR'S WORK JUST COMPLETED

Milk	Butter
33.424.80 lbs.	1,323.00 lbs.

Her Total for Six Years

Milk	Butter
156,776.1 lbs.	6,142.12 lbs.

By M. S. PRESCOTT

TILLY Alcartra has passed another milestone. Her sixth consecutive year in long time test has placed her on a new pinnacle and makes her without question the real standard bearer for the Holstein breed in the race for dairy supremacy. The Holstein public has been prepared for another sensational year's work but the actual magnitude of the performance will come as a startling revelation to all who have not been in close touch with the cow herself. In spite of the fact that Tilly Alcartra had already accomplished more in long time test than any other cow in the world, she made a 40-lb. record in short time test at her sixth freshening as a 9-year-old, proceeded to break the World's record for six months with 18,790.5 lbs. milk, 774.82 lbs. butter and came through the final six months in sensational style, finishing her year with 33,424.80 lbs. milk and 1,323.00 lbs. butter, over 2,000 lbs. of milk ahead of her nearest competitor and with one of the greatest butter records ever made. In fact, Tilly regained her laurels as World's Champion milk producer for the year before 11 months of the present year were completed, having 31,301 lbs. on December 5 with 32 days yet to go on her record. It will thus be seen that in the final month of her year she averaged practically 70 lbs. milk per day, while her average for the entire year was 91 lbs. with an average weekly butter production of approximately 25.6 lbs. The dairyman, who has kept tab on the work of his cow, and the breeder, who has done official testing, will appreciate what it means for a cow to produce this amount of butter with a daily average of 91 lbs. milk for even a single week let alone for 52 consecutive weeks. She was under strictly official supervision for between seven and eight months of the twelve, with the customary semi-official checking for the balance of the year.

One of the most wonderful features in connection with the past year's work for Tilly Alcartra is the economy of her production. This is discussed in detail in the story of Robt. E. Jones one of the World's staff of special writers, who has followed very closely the progress of this test from its beginning and who has secured his information first hand. It will be noted from the figures given by Mr. Jones, which are vouched for by the owners, that she consumed only 6072 lbs. of concentrates during the entire year, her ration consisting of ground barley, ground oats, bran, soy bean meal, cottonseed meal, and linseed meal, the balance of her ration consisting of beets which composed the greatest single item in her bill of fare, beet pulp, silage, alfalfa hay and pasture. Her average daily consumption of concentrates was only a little over 16 lbs., which establishes beyond any question the fact that Tilly Alcartra is the most efficient dairy machine that the world has ever known. The strongest talking point which the Channell Island breed advocates have had has been the economic production of their animals, which argument has had perhaps a special appeal in view of the high cost of concentrates. We note, however, that the latest champion of the Jersey breed, their first and only cow to produce over 1,000 lbs. butter fat in a year, Sophie's Agnes, consumed 6205 lbs. of concentrates which will be noted is 133 lbs. in excess of Tilly Alcartra's ration. In return for her feed, Sophie's Agnes produced nearly 100 lbs. less butter and about 1,000 lbs. less than half as much milk, which is to say the least, quite a striking difference.

TILLY ALCARTRA AS SHE LOOKED WHEN TEN MONTHS ALONG IN HER PRESENT TEST

It is interesting also to compare this record of Tilly Alcartra with the economic showing of the former Guernsey champion, May Rilma, who produced 1073.41 lbs. butter fat and 19,673 lbs. milk with an average daily grain ration of 18 lbs. While this comparison is not quite so striking, it will be noted that on two pounds less grain per day, Tilly Alcartra produced within a very few pounds of fat of the Guernsey record with about 70% more milk.

Rounding out her year's work and making it absolutely above possibility of criticism from any direction, Tilly Alcartra is due to freshen April 4, 1919, having been bred on June 26, 1918, thus carrying a calf over six months of her present year. In this connection, it is worthy of note that the records show no other cow of any breed that has been on test continuously, freshening six times before attaining the age of 9 years 4 months. Her owners are authority for the statement that never but once in her career has she failed to conceive at first service, last season being the only such occasion. In this instance she was bred the second time. This fact alone is a striking testimony to the perfect condition of the cow and the normality of her wonderful records.

The real significance of the work of Tilly Alcartra cannot be appreciated by considering any one year alone, although there have been several years in her history that stand out brilliantly on the pages of Holstein achievement. Tilly Alcartra has been in official and semi-official test constantly from the time of her first freshening at the age of 2 years 6 months. She has made a record for continuous production that may possibly never be equalled in dairy history, certainly it has never thus far been approached by any other cow. She has every appearance of ability to continue her good work indefinitely and we understand that her owners contemplate continuing her in test each year as long as she lives so that her record of production will be truly a lifetime test which will eventually assume a magnitude that will be a corner stone for Holstein popularity and advancement through the ages.

Tilly Alcartra during her life time to date has averaged over 1000 lbs. butter and 26,000 lbs. milk for each of the six years she has been in test. This includes her performance as a two-year-old when her lactation period fell short 80 days of a full year from the fact that she dropped her second calf about 11 months from the first freshening. Her total for the six years is 156,776.1 lbs. milk and 6,142.12 lbs. butter. To appreciate fully the importance of these figures, we should consider them in comparison with the Jersey long-time champion, Sophie 19th of Hood Farm, who has received wide publicity as the greatest long-distance producer of all breeds. The work of Sophie is indeed remarkable and in every way a credit to the breed she represents. She has made four records above 1,000 lbs. each, including two in the 1000-lb. class, one 1100 lb. record and her best record of 1248 lbs. which stood until very recently as the highest mark for her breed. Her total for her first six years in test is 5541.25 lbs. butter, 75920.8 lbs. milk, which it will be noted is over 600 lbs. less butter than Tilly Alcartra has produced in her first six lactation periods, totaling 80 days less time, while Tilly has produced over 5000 lbs. in excess of twice as much milk. Sophie, however, has a seventh year completed which in comparison with Tilly's six years falls short only 65,000 lbs. milk while exceeding Tilly's six year butter total by about 450 lbs. For comparison, we present in tabular form the detailed records of Tilly Alcartra and Sophie 19th of Hood Farm.

TILLY ALCARTRA

Age	7-day test	Lb. Butter	Lb. Milk
2 yr. 6 mo.	17.39	556.20	14,837.2
3 yr. 5 mo.	23.15	841.23	21,421.3
5 yr. 1 mo.	29.27	1189.03	30,451.4
6 yr. 5 mo.	32.23	1190.46	29,826.6
7 yr. 7 mo.	(Not tested)	1042.20	26,814.8
9 yr. 3 mo.	40.78	1323.00	33,424.8
Total 6 years		6142.12	156,776.1

SOPHIE 19th OF HOOD FARM

	Lb. Butter	Lb. Milk	Age
	494.88	7050.2	2 yr. 2 mo.
	713.50	9924.8	3 yr. 8 mo.
	1068.50	14373.2	4 yr. 11 mo.
	1164.88	15099.4	6 yr. 7 mo.
	1248.88	17557.8	7 yr. 11 mo.
	850.63	11915.4	9 yr. 7 mo.
Total six yr.	5542.25	75920.8	
	1058.55	16048.2	12 yr.
Total seven yr.	6600.80	91969.	

So much has been written concerning the earlier production of Tilly Alcartra that we will not repeat all of the details at this time. It should be said, however, that as a 3-year-old she broke the World's record for both butter and milk, becoming the first junior 3-year-old to produce over 800 lbs. butter or 20,000 lbs. milk. The following year as a 5-year-old, she became the first cow in semi-official test to produce over 30,000 lbs. of milk. As a 6-year-old she made a slight increase in her butter record, falling short but 173.4 lbs. milk of the 30,000-lb. mark, again taking the World's championship for two consecutive years in both the milk and butter divisions. As a 7-year-old she became the first cow of the Holstein breed to make three year records each above 1,000 lbs. and now after receiving for the first time in her life a suitable rest before freshening, she exceeds her best previous milk record by practically 3,000 lbs. and her best previous butter record by nearly 150 lbs., becoming the only cow in the world with three records each above 1100 lbs. butter or with four consecutive year records each above 1,000 lbs. butter, regaining for herself the coveted honor of World's record for two consecutive years butter production while retaining a similar position for three, four, five and six consecutive years. Turning to her milk production, we find that for the last four consecutive years, including all of her work in mature form, she has averaged over 30,000 lbs. for each year. She is the only cow that has made two records both above 30,000 lbs. and her two records averaged higher than any other cow has ever done in a single year. Of course it goes without saying that she is also the World's Champion over all breeds for three, four, five and six years, consecutive or otherwise.

Of particular interest in the above table showing her performances is the constant increase in her 7-day work. It will be noted that she has apparently received the benefit of additional development from every one of her year tests and on the one occasion when it was possible to give her a little rest before freshening, she entered the exclusive 40-lb. class in the 7-day division, enjoying the unique distinction of a 40-lb. short-time record in connection with world beating long distance performances.

It hardly seems necessary to speak of the breeding of Tilly Alcartra, as it has been given at least once every year for a considerable time. For the benefit of those whose memories are short, however, it may be stated that she is a daughter of Alcartra Polkadot Corrector, a son of the former World's Champion producer, Alcartra Polkadot, the first 29-lb. cow developed on the Pacific Coast. Her dam,

A characteristic pose of the new champion. She more than filled seven of these cans every week for the full year.

Tilly Lou 2d, was bred in Ohio and has little of known merit in her pedigree. Alcartra Polkadot Corrector stood in service in the herd of McKay Bros., Waterloo, Ia., and here it was that Tilly Alcartra was bred. When she was in yearling form, Tilly was purchased by A. W. Morris & Sons Corp., Woodland, Calif., in company with a number of her sisters and here she has received the opportunity that has made possible her unparalleled performances. While chief credit of course is due Tilly Alcartra for possessing the stamina, constitution, ability and disposition to respond to her care with World's Records for production, breeders, especially those with experience in making records, will unite in paying tribute to the good judgment in feeding and care that are a necessary factor in every World's championship performance. It is due Tilly Alcartra, however, to state that she was not pampered and did not have the benefit of a screened stall for protection from flies nor an electric fan to keep her cool during the extreme heat of summer. She seemed to prefer running with the rest of the herd and accordingly was out about four hours daily for nine months of the year.

In the Morris herd are to be found several very promising daughters of Tilly Alcartra of which great things are expected. One of her sons also stands in service, this bull, King Borco Alcartra, being sired by Segis Pontiac De Kol Burke, the famous son of the World's former champion milk producer, Riverside Sadie De Kol Burke. The two nearest dams of this bull average over 31,000 lbs. milk in a year which is a showing we believe no other animal of the breed can duplicate. Her oldest son, Prince Alcartra Korndyke, sired by Korndyke Queen De Kol's Prince, is doing splendid work in the herd of the J. S. Gibson Co., Williams, Calif. In this herd granddaughters of Tilly Alcartra are exceeding as two-year-olds her work at the same age, several of them producing nearly 800 lbs. butter and up to better than 17,000 lbs. milk. Another son, by name Tilly Alcartra Son was owned for a time by McAlister & Sons of Chino, Calif., but has since been sold and the present ownership is unavailable in time for use in this story.

Tilly Alcartra approaches our conception of the ideal Holstein—consistent year after year production in a degree unapproached by any other cow, liberal quantities of milk, in an exclusive class as a short-time producer also a regular breeder with daughters and granddaughters that bid fair to follow in her own steps. Tilly Alcartra by her work has knocked the last prop from the claims of rival breeds for supremacy in any direction and she stands today as the logical and accepted standard bearer of the dairy realm.

California Holstein Notes

By ROBERT E. JONES

TILLY Alcartra stands in the world today as the most economical producing factory history has known. Not only does she produce food with the utmost economy, but she yields the sort of food that has nourished humanity since the beginning and today can least be spared of all. What better dumb friend has man ever known than this tireless California Holstein?

Tilly took 37,422 pounds of food, plus what alfalfa hay she grazed in the pasture, and transformed it into 33,424.80 pounds of wholesome milk. She took the cheapest sort of roughage that grows in the fields, combined it with a little grain, and brought forth a complete food for man, more nearly perfect than all the scientific laboratories of the world have been able to devise.

Of course it is known that the dairy animal belongs in Class A as an economical producer of food when all branches of agriculture are taken into consideration. But Tilly stands preeminently among the dairy cows, for she is not a heavy feeder in proportion to the amount of milk she gives.

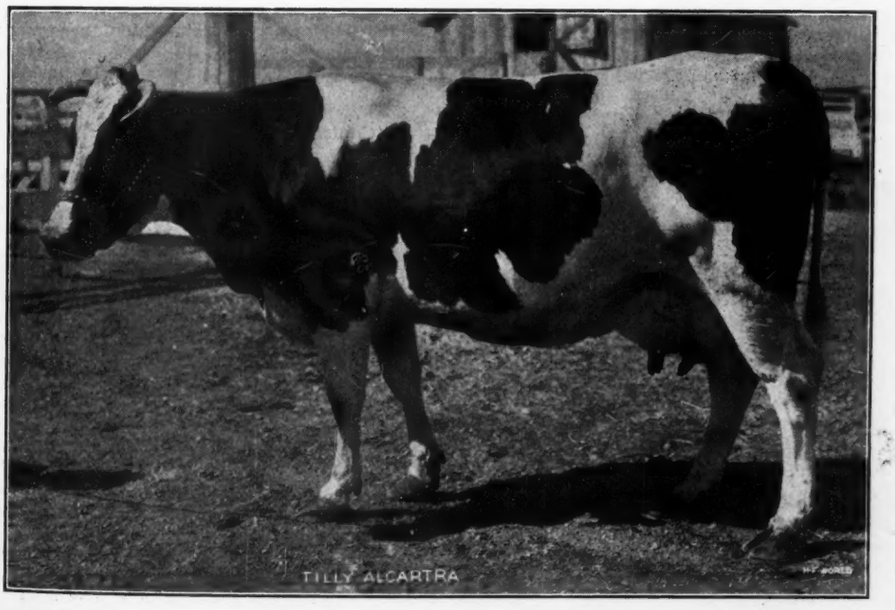
Tilly's milk actually sold at wholesale for $920, the figure per 100 pounds being $2.75 which is much below the general average of milk prices in the United States. Had it gone for churning purposes it would have brought $750 at the prevailing prices with an additional allowance of 30 cents a 100 pounds for the skimmed milk or a total of $90 for milk and a grand total of $840 for the butter fat and skimmed milk.

When the feed is figured against the milk Tilly produced it is learned that for each $1.00 worth of feed she returned $3.17 in milk, or on a basis of butter fat, she would have returned $2.90 for each $1.00 worth of feed consumed.

It is apparent from this that if the cows of the country were half as efficient as Tilly, there would be little difficulty as to food so far as dairy products are concerned.

Tilly was particularly fond of beets, which formed an important part of her salad portion. She had learned better than man that it requires a large amount of bulky ma-

(Continued on page 28.)



TILLY ALCARTRA
Another pose of the new champion. This photo is additional evidence of her capacity and serves as additional proof that she is "equal to the task." She looks the part in other words.

Holstein Progress in Canada

(Continued from last week)

By W. A. CLEMONS

WE have a few families which may be called distinctly Canadian, although all our foundation stock came originally from the United States. The outstanding Canadian family is, undoubtedly, that of May Echo, who traces on her sire's side to the great cow, Echo and on her dam's side twice to Queen Dido's Gretchen, a cow seldom heard of but a great transmitter, notwithstanding. Queen Dido's Gretchen is dam of Carmen Sylvia, grandam of Evergreen March, and appears also in the pedigree of Daisy Pauline Pietertje and no less than three times in that of May Echo Sylvia, world's champion milk producer for all periods from one to one hundred days.

Carmen Sylvia was a show cow, a dairy test winner and a transmitter of merit. Evergreen March made 26107 pounds of milk and 1130 pounds of butter in a year under Record of Performance rules but freshened a little too late to qualify, while Daisy Pauline Pietertje made 23807 pounds milk and 1037.50 pounds of butter in a year. With such family backing, it is no wonder that May Echo made a record of 31.34 pounds of butter and 726.6 pounds of milk in seven days and 1042.05 pounds of butter and 23707 pounds of milk in a year; that her daughter, May Echo Verbelle, made 29.89 pounds of butter and 702.2 pounds of milk in seven days and that her granddaughter, May Echo Sylvia, made 41.00 pounds of butter and 1005.8 pounds of milk in seven days. This completed three generations of cows giving over 700 pounds of milk each in seven days, the first instance of the kind in history. Many other descendants of May Echo have done almost equally well.

A SCENE AT ONE OF CANADA'S GREATEST ESTABLISHMENTS

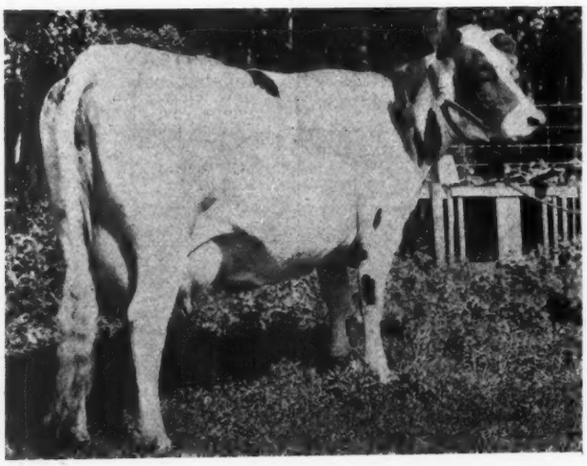
Another Canadian family of great merit is that of Calamity Jane. This cow won the Ontario Provincial Dairy Test four years in succession and in 1898 made an official record of 560.9 pounds of milk and 25.05 pounds of butter. She was a large, vigorous cow and her blood has carried on for several generations, not only in Canada but in the United States. She has five tested daughters and five proven sons, and among her descendants may be numbered the great 46-pound cow, Ormsby Jane Segis Aaggie, May Echo Sylvia and many others of lesser note.

Aaltje Posch 4th was another Canadian cow that may well be called a family founder. She was a dairy test champion in her day and produced the sensational heifer, Alta Posch, champion senior two-year-old of Canada with her butter record of 27.06 pounds in seven days for fifteen years. The grand Colony Farm cow, Madam Posch Pauline, with two records better than 34 pounds of butter and a strictly official year's record of 27597.4 pounds of milk and 1123.53 pounds of butter, Posch Queen Wayne, present champion in the Record of Performance, with 25085 pounds of milk and 1121.25 pounds of butter, Toitilla of Riverside, former mature champion in the Record of Performance with 24094 pounds of milk and 1057.50 pounds of butter and many other great cows, including May Echo Sylvia, are descended from Aaltje Posch 4th.

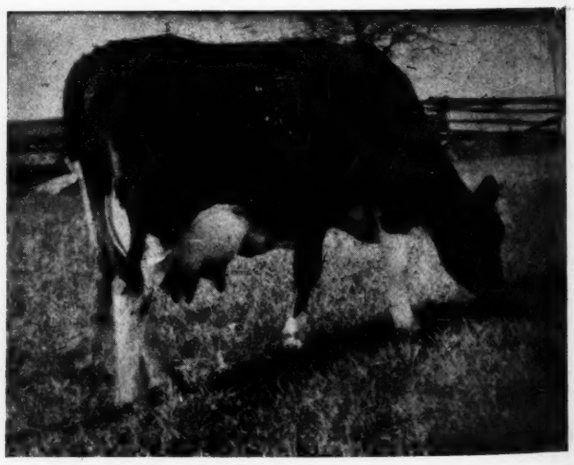
Kaatje DeBoer may also be said to have founded a notable Canadian family. Her descendants are numerous in Canada, while her granddaughter, Tidy Abbekerk, once Canadian champion with 27.27 pounds of butter, was sold to the United States along with two of her daughters. These two made 28.44 pounds and 28.34 pounds respectively, while one of them, Tidy Pauline De Kol, produced Dutchland Colantha Sir Abbekerk, one of the best sires Canada has ever had. Tidy Abbekerk Prince, son of Tidy Abbekerk, has with little opportunity become one of the leading sires of the United States, with some eight or nine 30-pound daughters.

Other purely Canadian families which are breeding on are those of De Kol Plus and Francy. De Kol Plus was champion of the Record of Performance in 1910 with 22304 pounds of milk and 956.17 pounds of butter. Several of her daughters have made good records, while her granddaughter, Plus Pontiac Artis, was champion three-year-old and is champion four-year-old in the same test. In the American semi-official test she made 1044.45 pounds of butter as a senior four-year-old, standing fifth in all America. A great granddaughter of De Kol Plus, Katy Burke

(Continued on page 54.)



POSCH QUEEN WAYNE

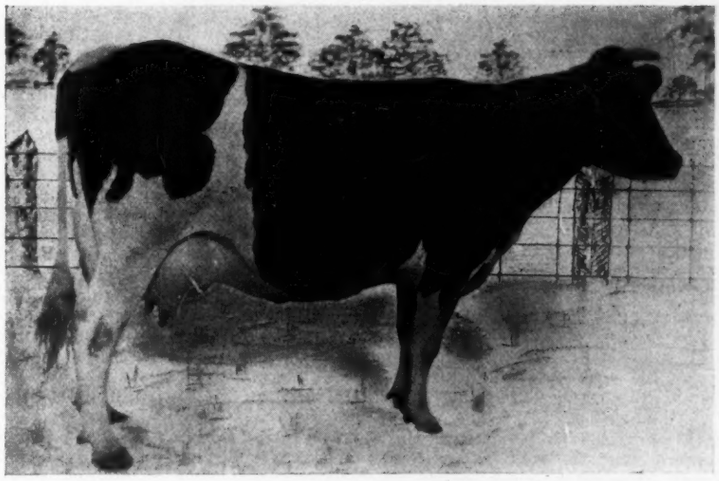


RAUWERD COUNT DE KOL LADY PAULINE

PICTURE GALLERY

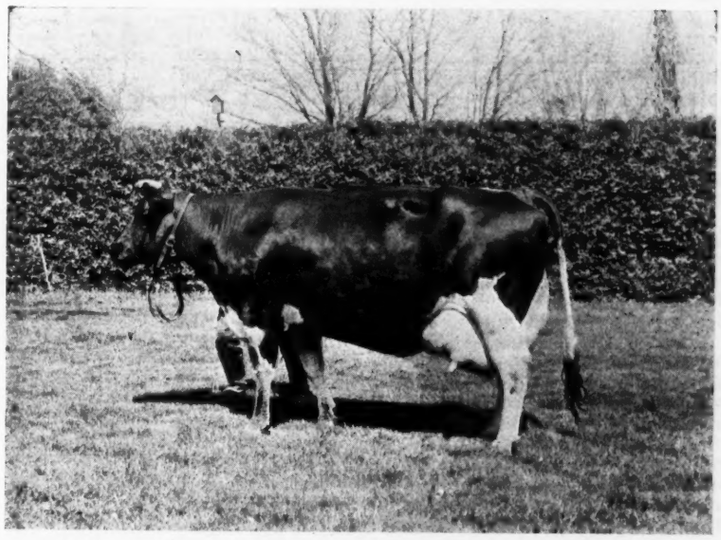
Baroness Madoline

Baroness Madoline stands as one of Canada's greatest long distance cows, especially in view of the fact that she has completed 3 year records above 900 lbs. butter and over 20,000 lbs. milk and in addition has a seven day record above 34 lbs. butter and close to 700 lbs. milk As a 3-yr-old she made 962.5 lbs. butter from 20,710 lbs. milk, came back as a 4 yr. old and made 966.2 lbs. butter from 21,149 lbs. milk and in her mature form made 1043.7 lbs. butter from 21,170 lbs. milk. Thus in three successive years she has produced a total of 2972.4 lbs. butter from 63029 lbs. milk. Her best 7 days record is 34.48 lbs. butter from 686.1 lbs. milk.



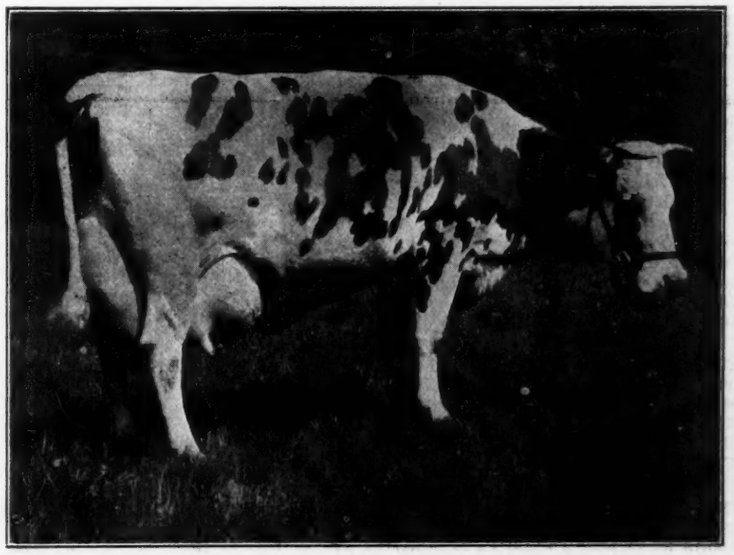
Lulu Darkness

Lulu Darkness is a splendid example of individuality and production combined. Not only has she an individuality that would do justice to any show ring but her records are unmistakable evidence of her producing powers when it is considered they were made from but three-fourths of her udder. In 7 days she produced 30.-33 lbs. butter from 552.7 lbs. milk, and 124.71 lbs. butter from 2637.5 lbs. milk for the month. Her best production for a single day was 101.4 She is a full sister to Lulu Keyes with a record above 36 lbs. and is one of the animals to which Canada breeders point with pride.



Lulu Keyes

At the time of making her records of 36.5 lbs. butter from 785.4 lbs. milk in 7 days and 144.39 lbs. butter from 3191.8 lbs. milk in 30 days, the latter standing as the second highest in the Dominion of Canada, being exceeded only by the great May Echo Sylvia. As a 2 yr. old Lulu Keyes produced very nearly 20,000 lbs. milk and is a full sister to Lulu Darkness with better than 30 lbs. in 7 days and over 124 lbs. in 30 days. She is another striking example of what Canadian breeders have been able to accomplish in the way of combining show ring individuality with phenomenal production.



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JANUARY 11, 1919

Hats Off to Tilly

THE work of Tilly Alcartra is the most enduring single monument to Holstein achievement since time began. Her 40-lb. 7-day record taken alone stamps her as one of the greatest cows of the breed, and in connection with her other achievements it adds materially to the arguments in favor of the short-time test. Few of the greatest 7-day record cows have ever been continued for the full year, and as a consequence there has been a tendency to feel that the extreme producers in the 7-day division lacked the ability to make a creditable showing in year work. Tilly Alcartra has established a proper and healthful relation between the two divisions to the benefit of both. In addition she has established new high standards for milk production for every period from six months up to six years. She has established new high standards for butter production for all periods from two years up to six. She has proven that extreme production, year after year, need not destroy constitution or ability to reproduce, for in connection with her great records she has dropped a calf practically every thirteen and a half months, being due to freshen for the seventh time in just eight years from the date of her first freshening and in the words of her owners is "the youngest looking ten-year-old cow" in their herd. At the same time regardless of breed, she consumed less concentrated feed than any other champion of note, Tilly Alcartra furnishes concrete evidence of the value of the life-time test. Through it she has risen above breed, and stands forth as the leading example in the dairy world of the efficiency and economy of the highly bred cow as a producer of human food. She takes the by-products of our great cereal grains, and other roughage that in its natural state is unfit for human food, and transforms it into the one really indispensable item in man's bill of fare. Her officially proven production covering six lactation periods from the date of her first freshening as a two-year-old, surpasses in total pounds the work of seven and a half average cows. In round figures the milk she has produced equals in food value the carcasses of one hundred beef steers. To purchase the same number of calories of human food in almost any other form would cost far more than her milk was actually sold for. Oranges at seventy-five cents a dozen furnishing calories in equal amount would cost $39,663. At fifty cents a dozen, Tilly has produced $22,716 worth of eggs. Oysters are selling at wholesale today for $2.25 per gallon. To equal Tilly's milk production 29,380 gallons of oysters would be required. Simple arithmetic gives them a market valuation of $66,095. These few instances are given for the double purpose of showing what is possible to accomplish with the dairy cow as a maximum, and likewise as an indication of the economy of the use of milk more liberally in our own every-day rations. The figures, while they may seem fantastic, are based on the most careful scientific investigation by food experts regarding the relative food values of the component parts of the human diet.

The story of Tilly Alcartra ought to be in the hands of every dairyman. To him it should point the way to greater dairy profits. To him it should bring its message of the possibilities in financial return from improved cattle, and it should be to him a positive inspiration urging him to immediate action. In computing the profits Tilly Alcartra has brought in for her owners, we have purposely omitted any valuation on the six calves she has already dropped, for the reason that if they were given a valuation any way comparable with their real and actual value to the Holstein and dairy industry, the average layman would immediately discount the reliability of all the computations given. As a matter of fact it is impossible to estimate in dollars and cents the actual value of this offspring. The oldest son is already proving to be a remarkably prepotent sire with several daughters that are exceeding as two-year-olds the work of their illustrious grandam at the same age. Suppose that through his inheritance this son of Tilly Alcartra should sire heifers that would produce on an average 1000 lb. of milk more than their dams every year.. Scaling present prices down to an average of $2.50 per hundred, each daughter would earn $25 per year extra, or $150 in a six year period. Twenty such daughters in a herd would make a total of $3,000, and forty would be $6,000. As a matter of fact a son of Tilly Alcartra might be reasonably expected to add more than a single thousand pounds of milk to the production of the daughters, and there would be in addition the increased value of each one of the offspring of these daughters, as well as the sons and their offspring. While everyone who knows would realize that these figures would nowhere near begin to represent the worth of such a bull in a large herd, the average dairyman would be inclined, we fear, to consider the whole proposition as almost too good to be true. Therefore we have confined ourselves to actual official records, vouched for by State Agricultural Colleges, and our National Association, records that are above a shadow of doubt, and which are not susceptible of distortion in interpreting the results.

A Concrete Suggestion

WE wish to make this definite concrete suggestion to every breeder who has at heart the advancement of our own special industry, as well as the dairy industry at large. Take this issue of the World to the editor of your local paper. Sit down with him, show him the special articles about Tilly Alcartra and the specific deductions and comparisons on this page, and then get him to use all or part of it in his next issue. If he would prefer to have us write something especially for his use, covering the ground in a little less detail, you just drop us a line to that effect, and you may be assured that your request will have prompt attention and with it may be secured an electrotype of Tilly, all free of charge to your local editor. If you need any extra copies of this issue for distribution where you think it will do good for the cause, tell us about that also. Here is your chance to get in a little personal work. Just remember that Tilly Alcartra has been on the job for six years, and then not only take off your hat to her, but your coat also, and let's show her we appreciate what she has done for us and our business.

Vol. 29—The Blue Book

OWING to a combination of circumstances outside the control of the Superintendent, Volume 29 of the Advanced Register has been very seriously delayed. It is however now being delivered, and is none the less welcome from the fact that it is several months later than usual. In style it follows very closely its predecessors, being a substantially bound volume of 1380 pages, the color of the binding being in keeping with the popular name of the work—the Blue Book. The introductory matter consists of a complete presentation of the rules governing the making of Advanced Registry records, together with the scale of points adopted as delineating the perfect individual. This matter is followed by the complete list of records accepted for entry in the Advanced Register during the year ending April 30, 1918. The list of original entries requires 116 pages, composed entirely of the alphabetic list. The list of re-entries accounts for 72 additional pages. The eight-months-after-calving records occupy four pages, while the year records require 23 pages. The bulls entering the Advanced Register, with four or more A. R. O. daughters take five pages. This brings us down to the main body of the book, and the information that is of greatest practical service to the Holstein breeder. This is the list of sires that have produced A. R. O. daughters, with a complete list of the daughters of all active sires, that is, the sires which have had daughters tested during the past year. This listing of the sires alone occupies 678 pages, while a similar list of the dams having two or more A. R. O. daughters requires 316 additional pages. Then follows a fund of sum

maries which might profitably be studied over and over by the conscientious breeder. First comes a list of the sires that have produced eight or more A. R. O. daughters, with the number of A. R. O. daughters, as well as the producing sons and daughters of each. There are 1745 such sires, and their listing requires seventeen pages of the book. A particularly interesting list is made up of the dams of four or more A. R. O. daughters. There are 1194 such dams, and they will be made the subject of one or more special articles in early issues of the World. The 30-lb. list is shown to consist of 1181 different cows, while 155 have qualified for the list of cows producing above 800 lb. fat in a year, which is equivalent to 1000 lb. of 80% butter.

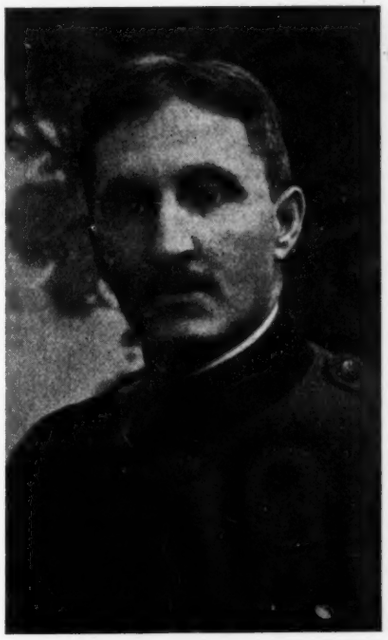
The next twelve pages are devoted to the cows that have produced above 90 lb. of fat in 30 days, but of greater interest is the list of 839 cows that have produced above 600 lb. fat. The growth of this list during the coming year will be watched with a great deal of interest. Twenty-two pages of the list of cows producing above 21 lb. fat contain the names of approximately 3740 cows thus qualifying. The final pages of the book are devoted to the list of breed leaders for the various classes and divisions, and to the prize winners for the past official year.

This brief summary will serve simply to give a general idea of the value of the Blue Book to the breeder, and its indispensability to the man who is attempting to proceed along constructive lines in his breeding operations. The World deals in the contemporary history of the breed, each week as it is made. The Blue Book condenses that history as it relates to the progress of the breed in official and semi-official test, and preserves it in permanent form for ready reference, carefully classified, and made available for all to understand it who wish. There are Holstein owners who do not take the World, and who do not own a single volume of the Blue Book. In either case they have no license to find fault if their more progressive neighbors get bigger returns from the time, money and effort spent in developing their herds of Holsteins. The man who makes a success of any business is the man who keeps thoroughly posted on the every-day conditions affecting it, and who loses no opportunity to improve his knowledge of how best to carry on his particular line. The rule is not suspended when it comes to breeding Holsteins. Have we made our point clear? If you are short in the matter of either of these indispensables, why not remedy the condition today?

Lieut. E. M. Hastings Returns

THE many friends of E. M. Hastings will be pleased to learn of his safe return home from service in France with the American Red Cross. Mr. Hastings volunteered for active service in May, 1918, and saw nearly eight months' service before reaching home on December 29.

Mr. Hastings was commissioned as Lieutenant and was assigned to duty in Paris as business manager of one of the large hospitals established there by the American Red Cross during the past summer. Returning home he took over completely on January 1, the sale and pedigree business of the E. M. Hastings Co., which he will continue as sole owner. It is interesting to note that of the five mem-



bers of this organization who volunteered for service in the Army, Navy or Red Cross, Mr. Hastings, the founder and active head is the first to return. Its war time record thus bears out all traditions of the house and should be an equal source of pride with its reputation during the years that preceded.

We are pleased to present the following brief statement by Mr. Hastings concerning some of his observations in France relating to the dairy industry and we are further glad to be able to announce that during the coming year this talented writer will be a regular contributor to the reading columns of the World.

Reconstruction and the Dairyman

By E. M. HASTINGS

MY limited observation of agricultural conditions in France convinced me of the extreme scarcity of dairy cattle. A hundred mile drive through a one-time prosperous farming section, outside the war zone, revealed hardly a dairy animal; while in the war swept territory where a day's journey failed to show a single building that had escaped shell-fire, it may be imagined that few cattle were left. The public highway wound through a region of desolation and ruin. Villages were reduced to collections of wrecked and shattered buildings, with riddled walls and gables and towers still indicating original outlines; or, as often happened, good sized towns were leveled by a raking fire that left nothing in its track and that annihilated everything so completely as to leave scarcely one stone upon another.

St. Quinten, which before the war had a population of upwards of 50,000, and which occupied a strategic position of commanding importance on one of the strongest points of the Hindenberg line, when I visited it after its recapture by the allies, afforded a picture of desolation whose impressiveness was heightened by the seemingly brave attempt of many of its buildings to present still a substantial appearance, though in reality almost every edifice in the city was damaged beyond repair and not one was left unscathed.

The same story, with variations, applies to all the areas devastated by the struggle. The occupied territory, made uninhabitable by the tide of battle, was abandoned by its civilian population, and an endless procession of refugees sought shelter and subsistence wherever relief could be obtained. An important branch of American Red Cross effort abroad has had to do with the work of helping to care for these homeless victims.

Now the abandoned homes must be re-created. "Where there's a home there's a cow," or there ought to be; so it is necessary that extensive purchases of dairy cattle constitute an important item in the rebuilding program. Let us hope that Germany supplies the money.

The time has come to look ahead. We cannot forget the war, but the war is ended and the big job of today is to prepare for peace. "New occasions bring new duties." Heretofore the winning of the war was all that mattered. Now we face the task of reconstruction, a task that for years to come will engage to the limit the productive industries.

The American farmer and dairyman, to a greater degree than any other worker, supplied the sinews of war that made victory possible. Now the enterprising dairy farmer who is awake to the trend of the times is going to prove equally ready to meet the demands of peace.

The boys from "over there" are coming back with a

(Continued on page 28.)

HOLSTEINS FOR THE JAPANESE GOVERNMENT

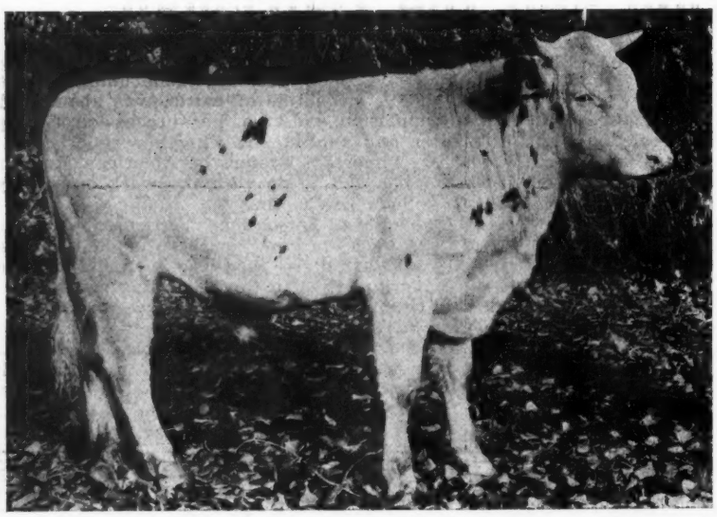
A news report from Wisconsin states that Geo. J. Schuster of Oconomowoc, Wis. has recently sold three members of his Holstein herd to Y. Kurihara of Yokahoma, Japan, the purchase price being $2700.00. Mr. Kurihara came as a special representative of the Japanese government in whose interest the cattle were purchased.

ANNOUNCEMENT OF AUTHORSHIP

The address, published in the December 28th issue of the World entitled "Value of Testing," was delivered at the annual meeting of the So. Dakota Holstein Breeders, Association by Prof. Robt. Wylie of South Dakota State College. His name was inadvertently omitted in reproducing the address.

A 40-LB. BULL IN COLORADO

Colorado boasts of two 40-lb. cows, one of which is Changeling Tidy Abbekerk Wayne with the remarkable record of 44.43 lb. butter from 637.9-lb. milk in 7 days and 168.84 lb. butter from 2743 lb. milk in 30 days, which records were made from but ¾ of an udder and by reason of this fact has accomplished something that cannot be credited any other cow of the breed. She enjoys the distinction of being one of the 100 tested daughters of the new century sire and has for a dam a daughter of Tidy Abbekerk Prince with nine 30-lb. daughters. Columbine Herd, owned by Spencer Penrose is the proud possessor of a son of Changeling Tidy Abbekerk Wayne and as you will note from his photograph is an individual fully deserving of his rich inheritance. He is sired by a son of Aaggie Pauline Sarcastic, one of the early 36-lb. cows and widely famous as the dam of King Segis Champion. With this combination for his two nearest dams it gives Woodcroft Changeling an average of over 40-lb. for his two nearest dams which average is equalled by very few bulls west of the Mississippi.



WOODCROFT CHANGELING
One of the sires in use in the Columbine Herd and having for his dam the only 44-lb. ¾ cow in the world. His two nearest dams average over 40 lbs.

KING PONTIAC CHAMPION'S LATEST

King Pontiac Champion, the sire that led all others during the past year in respect to total number of tested daughters, of semi-official daughters and in number of prize winning daughters as well as accomplishing what no other sire ever did in having six 30-lb. daughters developed within a month has had his tenth 30-lb. daughter added to his list very recently by the showing of Pabst Sweet Clover that completed a record of 30.67 lb. butter. It must be remembered all of the 30-lb. daughters of King Pontiac Champion have been brought out during the year 1918 and with his sire, King of the Pontiacs and grandsire, Pontiac Korndyke, form a combination of three direct generations unequalled by any such other combination in the world.

PABST SWEET CLOVER
The tenth 30-lb. daughter of King Pontiac Champion to be developed during the year 1918. Bred, owned and developed by Pabst Stock Farm.

A SON OF KING RECORD

F. H. Sohre & Son, Good Thunder, Minn., have recently sold to H. H. & Ira Kietzer of Vernon Center, Minn., a splendid son of King Record, whose twenty-one nearest dams average over 30 lbs. King Record is one of the better known sons of King of the Black and Whites.

Messrs. Sohre & Son are developing a high class herd from their foundation stock purchased in New York State last year. They have recently disposed of all their remaining grade Holsteins to J. C. Coonly and Alfred Lorensen of Walters, Minn. These people also purchased a beautiful son of King Record to go with their grade cows.

"Save the pits!" You betcha! And the bottomless one for the Kaiser and his gang.

WISCONSIN DAIRY COUNCIL

Wisconsin has organized a State Dairy Council which is now in a position to do some effective work for the dairy interests. The Board of Directors is composed of 24 members representing the various phases of the dairy industry. In the list we note Fred Pabst of Oconomowoc representing the purebred dairy cattle interests.

VERMONT COW TESTING ASSOCIATION REPORT

The November report for Cow Testing Association Work in Vermont shows that purebred and grade Holsteins lead in three of the six associations. The Holstein owners thus honored were A. A. Lewis of Lamoille Valley; Wright Bros., So. Chittenden and Garver Bros., Washington. Co.

CANADA'S OLDEST HERD

Mr. Neil Sangster, Ormstown, Quebec, First Vice-President of the Holstein-Friesian Association of Canada. With the dispersion of the herd of the late, Mr. A. C. Hallman of Breslau, Ont., Mr. Sangster becomes the owner of the oldest established Holstein herd in Canada.

A SALE FROM PINE GROVE

If you place, at the head of your herd of purebred Holsteins, a bull who is an outstanding individual, whose dam is a great record cow and likely to increase, whose sisters were making splendid official milk and butter records, whose sire is at the head of one of the greatest herds in the country, and whose own six nearest dams average practically 37 lb. of butter in seven day official work, well, you would think you had really done something, wouldn't you?

Charles Eldridge, of Porterville, N. Y., when he purchased King Mutual Konigen have done all this and more too! He secured a bull who had been used in the greatest herd of A. R. O. Holsteins in the World, and whose first calves are now coming and show in every movement the inheritance of the outstanding quality characteristic of their sire and his ancestry. King Mutual Konigen is by King Segis Pontiac Konigen, the $35,000.00 sire at the head of Fred F. Field's noted herd. This sire now has sixteen daughters tested as heifers, who average 22 lb. of butter, 500 lb. milk in seven day official work.

King Segis Pontiac Konigen is by King Segis Pontiac and is from K. P. Diona Pietertje, 40.15 lb. butter, 825.6 lb. milk in seven days, dam of a 31.82 lb. cow and daughter of King of the Pontiacs and the great transmitting cow Diona Konigen Pietertje, 37.44 lb.

Mr. Eldridge's acquisition, King Mutual Konigen, is from the splendid young cow Mottled Twisk Pontiac Mutual, 37.37 lb. butter, 526.6 lb. milk in a week, record made in August of this year as a junior four year old. She is a young cow of magnificent individuality and wonderful type. Barring accidents, she is slated for a much larger record. Her dam is the 31.97-lb. Mottled Twisk De Kol Mutual and her sire is King Pontiac Konigen, who is also sire of the world champion junior four year old, Lady Netherland Pontiac, 43.59 lb. King Pontiac Konigen is by the great King of the Pontiacs from the 37.44-lb cow Diona Konigen Pietertje, dam of a 40-lb full aged daughter, a 35.94-lb four-year-old daughter and a 27-lb. three-year-old daughter.

The six nearest dams of King Pontiac Konigen have the wonderful seven-day butter average of 36.93 lb. His seven nearest dams average 35 lb. or 5 lb. of butter per day. In his pedigree there are five seven-day butter records ranging from 37.21 lb. to 40.15 lb. And on top of all that he is a superb individual.

This bull headed the show herd exhibited at the fall fairs by the Pine Grove Farms and his straight toplines, attractive coloring and markings, docile disposition and general beauty made him the center of attraction. King Mutual Konigen will head the Eldridge Herd which is of high quality, but as this is small at present, a few approved cows and heifers will be taken to breed to him at a figure that, in our judgment, is remarkably low for the breeding and quality.

Pine Grove Farms.

MICHIGAN COW MAKES 30 LBS.

Albert E. Jenkins of Michigan advises that their cow, Dora De Kol Oosterbaan, has just completed a record of 30.18 lbs. butter from 630.3 lbs. milk at nearly 10 years of age and is being continued for a 30-day record. During her last seven days she has produced 701 lbs. milk, for the first 20 days averaging 93.2 daily.

It is planned to offer this cow in the East Lansing, Mich. sale on Feb. 6th, together with her son sired by a 31-lb bull.

Dora De Kol Oosterbaan is sired by a grandson of Beryl Wayne's Son, in turn a son of the former world's champion, Beryl Wayne.

TWO WELL BRED YOUNG BULLS

A promising young bull advertised in your publication some time since was sold to Mr. C. W. Schwartz, to take the place of his junior sire at the head of the Apple Grove herd, at Berno, Ind. In Broadhurst Rag Apple Korndyke (that's his name), Mr. Schwartz in every respect gets a good one. He appreciates our estimation of this young bull, because he writes: "I must frankly admit that he is even more than we had expected him to be. Everybody that has seen him speaks very highly of his fine individuality". This splendidly bred calf is sired by a near 31-lb son of Rag Apple Korndyke 8th. His young dam, Broadhurst Rag Apple Korndyke, made an official record last spring of nearly 57 lbs of butter and over 1,300 lbs of milk at the tender age of 23 months, 58 days after freshening, at that. She is out of a 19 lb 4-year-old sired by Admiral Gelsche Hamilton, her dam being a 27-lb daughter of King Segis. Besides a number of other noted ones, Pontiac Korndyke appears at two different places in this young sire's breeding chart. This bull has both the individuality and the breeding and should therefore get good ones.

Another exceptionally well bred calf sold through your columns, was the Alcartra bull we shipped to Mr. Luther Smith, at Springville, Pa. This young fellow was a member of our last fall's prize-winning junior calf herd and is as handsome as he is well bred. Upon his receipt Mr. Smith wrote. "He is certainly O K in every respect and much larger than I had expected for an animal of his age."

This calf was sired by one of the Broadhurst superior herd sires, a 32-lb son of "the $50,000 Bull." His dam is our Gelsche Segis Colantha (22.57 at an even three years), she by the 31-lb King Colantha Clothilde, a "has made good" son of Colantha Johanna Lad. On a baby daughter of the dam of this calf, in fact, an own sister, we have recently completed an official record of over 22 lbs of butter at the tender age of 23 months. The sire of Mr. Smith's calf, King Segis Alcartra Pontiac, has two daughters in our herd (his first tested and oldest daughters) that have made records averaging over 21 lbs of butter and 286 lbs. of milk in seven days at an average age of 24 months with equally good records for the 30-day period. The breeding chart of Mr. Smith's young bull contains the distinguished names (in the first four and five generation sections), of King of the Pontiacs, King Segis twice, King Segis Pontiac Alcartra, Colantha Johanna Lad, Pontiac Clothilde De Kol 2d, K. P. and Alcartra Polkadot Ormsby, Abby Hartog Clothilde, Colantha 4th's Johanna and Cleopatra Gelsche, one of the best daughters of Old Prilly, "Queen of the Breed"—a winning combination along all lines.

Broadhurst Farm.

DAM OF TWO 30 POUNDERS

The recent record of Pauline Soldene De Kol 3d gives to her dam the distinction of being the dam of two 30-lb daughters, the other daughter being Pauline Soldene De Kol 2d with a 3-yr-old record of 30.77-lb. Pauline Soldene De Kol 3d has just made 30.84 lb. butter from 576 lb. milk in the herd of W. J. Higdon at Tulare California. She is sired by Sir Rag Apple Korndyke, a son of Rag Apple Korndyke and Sadie Vale Korndyke a 36-lb daughter of Pontiac Korndyke.

A CORRECTION IN OWNERSHIP

In the reports of the Watertown, Wis. sale, King Segis Pontiac 26th was listed as sold to N. W. Peabody, Star Prairie, Wis. This was a mistake due to poor sending or reading of the Morse and to the fact that the telegram (of the bid) was signed by the Star Prairie State Bank by way of verification. I am the "lucky man" who bought the bull.

The telegram announcing the result began "You get No. 184300". As 18 was the catalog number and $300.00 the bid, that was surely an original way of expressing it.

New Richmond, Wis.

N. R. Peabody.

17 30-LB COWS IN ONE YEAR

Pabst Stock Farm enjoys the distinction of having developed no less than 17 cows with records above 30 lbs. during the past twelve months, in itself quite a remarkable showing and still more so when eleven of them are daughters of the senior sire. Twenty-six other cows and heifers made records from 25 to 30 lb. and 8 2-year-olds made from 20 to 27.9 lbs.

(Continued from page 25.)

desire for life in the open, and to them the lure of the farm will make a strong appeal. The American doughboy, disciplined and trained and with faculties broadened by participation in the great adventure, is going to be in evidence in every rural community—either as hired man (and he ought to prove a good one) or as a landed proprietor on his own account—for Uncle Sam is working on plans to make farm lands available for the discharged soldier who inclines toward farming.

With the help problem simplified, as it will be when the best men of America are seeking jobs on the farm, with new dairying enterprises by the tens of thousands calling for foundation cattle, with shipping facilities adequate for transporting milk and its products to the foreign buyer, and with an insatiable demand from abroad to replenish the dairy herds that have been sacrificed during the war, it seems reasonable to expect an early improvement in the market for dairy animals, and a growing trade that shall continue for years to come—with no possibility of an oversupply.

Lacona, N. Y., Jan. 1, 1919.

(Continued from page 21.)

terial to keep the digestive organs toned up to their greatest state of efficiency. During the year she consumed 21,000 pounds of beets, an amount greatly in excess in weight of the remainder of the feed she consumed with the exception of green alfalfa hay. Following the rules of healthful practice she has materially increased this sort of roughage as her age has advanced, for the feed record for the year when she made her 30,451.4-pound yield shows that she ate then only 7500 pounds of mangles during the twelve months. But she was given twice as much alfalfa hay.

It may be of interest here to give the figures on the amount of feed consumed for the two years when she made her greatest records. The first closed in 1916, when she made the 30,451.4 and the second in the current record of 33,424.80. The figures are given under the column "1916" and "1918" as follows:

1916 Pounds		1918 Pounds
1750	Barley	1325
1750	Bran	1325
1250	Oats	1325
690	Soy bean meal	1165
425	Linseed oil meal	200
	Cotton seed meal	523
5400	Ensilage	3000
1200	Beet pulp	2550
7500*	Beets	21000
7500	Alfalfa hay	5000
$5.00	Pasture	Pasture four hours daily for 9 months.

Frank Morris kept very close tab on Tilly this time and feels that in spite of war-time prices for feed Tilly made the greatest record in her history for economical production. She began her test in the best of condition, for she had taken really the first vacation of her lifetime. She was given this though her five years of intensive work had shown no effect upon her, but at that she seemed to enjoy the holiday immensely.

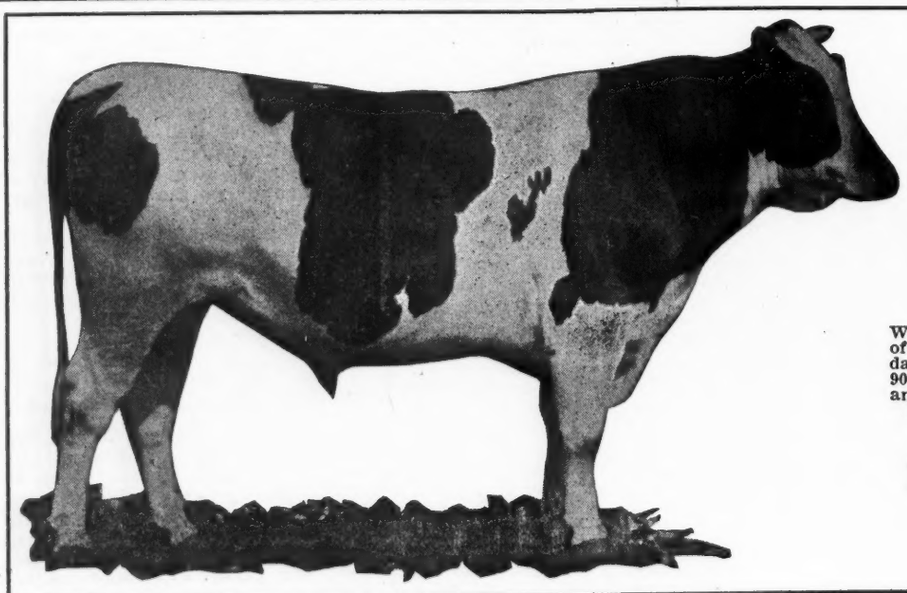
Beginning her test January 7th, 1918. Tilly gave 100.8 pounds of milk on her eighth day and reached her maximum production sixty-four days later when she gave 119.8 pounds of milk. Three weeks after calving she started on her now famous seven-day test of 40.78 pounds of butter from 724.1 pounds of milk, the largest record for butter ever made west of the Rocky Mountains and the largest seven-day record of any cow above 30,000 pounds of milk in a year. Her best thirty-day record was 3135.4 pounds of milk and 157.09 pounds of butter and her best sixty-day record amounted to 6227.8 pounds of milk and 294.73 pounds of butter. For the first six months she produced 18,790.5 pounds of milk, an average of 103 pounds a day. This is believed to be a world's record for half a year.

Her ration for the year has been given in the table in the foregoing. At the outset she was given ten pounds of concentrates daily and this was increased to twenty pounds three or four weeks after she calved, the proportions being fourteen pounds each of barley, oats and bran, four pounds of soy bean meal and two pounds of cottonseed meal. A part of the time the linseed meal was given in place of the others. She ate 80 pounds of beets daily during her period of heaviest production and eight to ten pounds of dried beet pulp and all of the alfalfa hay she cared for, varying from ten to twelve pounds.

Two and a half months from calving her grain was reduced to sixteen pounds for two months. Then warm weather came and it was cut to fourteen pounds, which was the maximum for five months. When the coming of the cooler fall and then winter this was increased to fifteen pounds daily.

When the beet supply was short corn silage was fed, but this was during only about four months of the test. In that period she ate about twenty pounds daily. As indicated in the table she grazed in the pasture a little more than nine months of the year. This was possible because of the long growing season in California.

Tilly observed two other rules of good health—she lived a life in the open by choice and did not let temperament interfere with her useful career. While on her vacation she appeared to enjoy going out to the pasture with the herd and she was allowed to continue so during the long period of the year when the weather was pleasant. Many a night she spent under the stars, much preferring the fresh air to the barn. Although the fly season was a bad one she was never kept in a screened stall nor did she enjoy the luxury of an electric fan. Tilly led a plain life among the other cows, getting along well with her neighbors and displaying none of those characteristics so often associated with a prima donna.



This is

SPRING FARM KING

A Full Brother to the First 44-lb. Cow

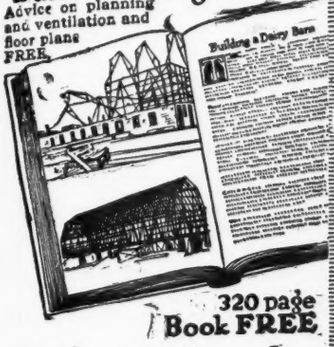
We have a beautiful May son of this bull from a 30.89-lb. daughter of Agatha Pontiac 36.-90. He is handsomely colored and a great bargain.

Pedigree, photo and price.

F. M. JONES

Clinton, N. Y.

Barn Planning Service
Advice on planning and ventilation and floor plans FREE



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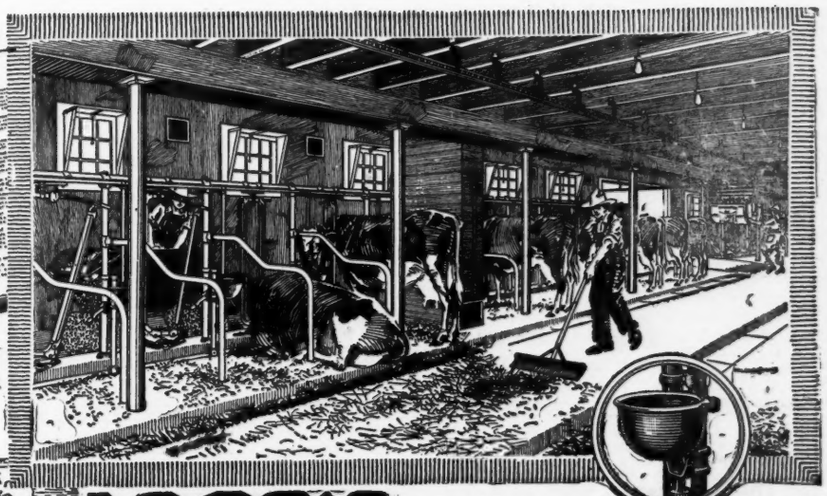
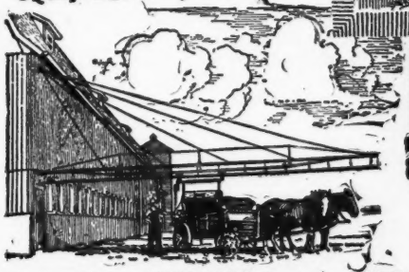
Tells how to plan and equip a Dairy Barn





From Gutter to Field with but one handling

NOW BOYS and GIRLS DO MEN'S WORK— With James Equipment

In the barns that are James Equipped the task is not too great for children's strength; for James Equipment makes barn work easy. The light running James Carriers make chore time almost play time, turning a disagreeable, dirty task into a near-pleasure.

The James Carrier makes a boy's job of what used to be shirked by all—an investment paying a profit of 25% a year in labor saved.

The James Feed Truck or Feed Carrier saves much walking to and from feed rooms—makes unnecessary the lifting of heavy baskets.

James Drinking Cups not only save time—cows have fresh water before them day and night—but they do away with the nuisance of tending bothersome tank heaters in blizzardy weather; save fuel expense; increase milk yields.

Drinking cups earn 200% and more a year on their cost.

And so with other James Equipment—stalls, stanchions, scrapers, steel pens for cows, calves and bulls, ventilators, bull staffs and swinging cranes.

The 320-page book "The James-Way" tells all about these James inventions that save labor, increase milk yields, promote better cow health, make easier the care of animals in the barn.

It explains the easy way of putting up carriers, erecting stalls and pens, and attaching drinking cups.

It tells about the James barn plan service; the James barn experts who know what not to do as well as what to do in planning convenient, money saving barns.

Their advice on barn planning, ventilation and other barn problems is free. No charge for floor plans.

Let James Equipment solve your labor problem. Mail the coupon now—get full details of how you can cut barn work in half and make more milk.

James Mfg. Co. Ft. Atkinson, Wis. Elmira, N. Y.
Labor Saving Barn Equipment

James Mfg. Co.—Send free book on barn planning, ventilation and equipment. Also James Barn Magazine (free).
I have.....cows. I hope to build.....remodel.....
about..... Am interested in Stalls ( ), Stanchions ( ), Carriers ( ), Drinking Cups ( ), Ventilators ( ), Steel Pens ( ).
Name.....
R. R. Station..... P. O.....
HFW R. F. D..... State .....

A HIGH CLASS CONSIGNMENT

My farm is at Cuba, in the western part of New York State. My chief business interests are in Boston and now require all the attention I can give them.

Therefore it is with the deepest regret that I have concluded to discontinue my farming operations and dispose of my high class herd of pure-bred Holsteins.

I have consigned every hoof I own to the Erie County Holstein Breeders Sale. This will be held at the Crandall Barns, East Buffalo, New York, January 31st, on the day following the meeting of the New York State Dairymen's Association.

My herd numbers now twenty-six head. I have bred for production but as I also took pleasure in my stock, I have ever had in mind individuality of the highest order, I selected good individuals for the foundation and headed the herd with the best bull I could possibly get.

This is Superba Rag Apple Korndyke, now coming four years old. This bull I showed at the Cuba Fair last fall and he was awarded the first prize. He is by Rag Apple Korndyke 8th, the head of the great Oliver Cabana herd and widely known as "The Greatest Bull in the World".

The dam of my herd sire, is the great 30.9-lb cow, Fairview Jessie Korndyke, said to be the best daughter from the standpoint of individuality, ever sired by that grand old bull, Pontiac Korndyke. Recent issues of your valued paper have carried pictures of this cow in the Pine Grove advertisments. She is even better than her picture shows and weighs well up to the ton mark..

In my consignment are eight heifer daughters of my herd sire and I know each and every one will please anyone who looks over them. Every one is a show heifer and they are the nicest bunch of daughters of any one sire I ever saw. These granddaughters of Rag Apple Korndyke 8th are bound to make splendid investments.

The rest of my herd consist of sixteen good young cows and heifers. Fifteen of these are bred to my herd sire. Never before have I known of an opportunity to secure a 30-lb son of Rag Apple Korndyke 8th., a bunch of his daughters and a whole dairy of cows bred to him. I certainly hope your readers will investigate this wonderful opportunity and it will certainly pay them to attend this sale.

Geo. D. Ryder.

MAXWELL COMING STRONG

Next week we are promised something really sensational from Maxwell Farms, the breeding estate of that prince of entertainers, D. G. Maxwell, whose large Chicago interests do not lessen his enthusiasm for good Holsteins. Ask him sometime about the sire he has at the head of his herd and you'll find he knows Holsteins too.

ANOTHER AT PABST STOCK FARM

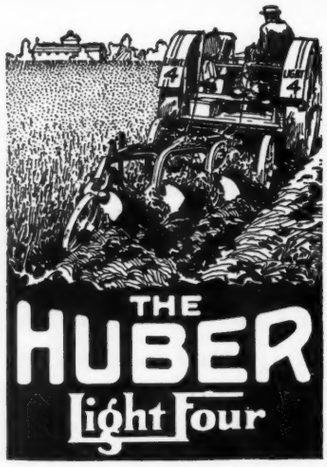
A recent communication brings the good news that Pabst Kinnickinnic is the eleventh daughter of King Pontiac Champion to cross the 30 lb. mark within the year 1918 and is his second in about as many weeks. This cow has made 32.17 lb. butter from 550 lb. milk at the age of 4 years 8 months 12 days. Pabst Sweet Clover, reported elsewhere has 30.54 lb butter from 401.1 lb milk as a 5-year-old. This showing put King Pontiac Champion far above all other sires of his age in respect to the development of 30-lb. daughters within one season in fact no bull that ever lived can equal this by but little more than 50 per cent. and that sire is the own sire of King Pontiac Champion. Indeed the future holds much in store for such a bull and with 140 young daughters, many yet undeveloped it is quite within reason to expect still more sensational showings within the next few months.

I wish to report the sale of a very high class young bull, Daisycrest King Princess, to Mr. G. L. Franz of Eau Claire, Michigan. His sire is King Zerma Alcartra Pontiac the good son of King Segis Pontiac Alcartra, the $50,000.00 bull. His dam is Princess Pauline Rufine 2d, butter 7 days 29.32, milk 638 lbs. Those who know the conditions under which this record was made predict a much better record when tested again. However, I wish to say that she is some cow as it is, as she made more butter and gave more milk than any cow ever gave in Van Buren Co. Mr. Franz has been ten years building up his herd and has now thirty head of select animals. The price of the young bull was $500.-00 and when his daughters commence being tested, I expect to hear good reports from Daisycrest again.

Gobleville, Mich.

C. H. Giddings.

More Work —and Fuel Costs Less than Feed



IN everyday use on hundreds of farms the Huber Light Four has proved its ability to do work economically. Fuel costs less than horse feed. The Huber costs nothing when it is idle. Time that would be used to take care of horses can be used for work that pays. The Huber works steadily without resting time.

In a competitive demonstration in Maryland a Huber Light Four plowed and disced a plot of ground with 6 13/16 gallons of kerosene, while nine other tractors required from 9⅝ to 12½ gallons.

The Huber Light Four gives ample power for economical operation of a buzz saw, feed grinder, silage cutter, small thresher, corn husker and hay baler.

Here is Huber Economy

"I plowed 35 acres of blue grass sod at a cost in fuel and oil and labor at 86 cents an acre — and did the best work of any year since I've been farming." C. L. Mitch, South Vienna, Ohio.

"It costs $20 a day to work two men and twelve horses in our neighborhood. We do the same amount of work with our light four for $10." W. S. Foster, Gilman, Montana.

"With my Huber Light Four we filled six silos in 7½ days. We fill a 16 x 32 Silo on 18 gallons of kerosene." C. O. Malmquist, Road City, Minn.

In the 5,000 pound class; pulls three 14" plows; 12 h. p. at draw-bar; 25 h. p. at belt; Waukesha four cylinder motor; perfex radiator; Hyatt Roller bearings; burns gasoline, kerosene or distillate; center draft; two speeds 2¼ and 4 miles per hour.

Write for the name of your nearest dealer and "Doing the Impossible", a booklet.

THE HUBER MANUFACTURING COMPANY

642 Center Street Established over 40 years. MARION, OHIO

Canadian Branch: Brandon, Manitoba

The Home of the Long Distance Producers

DEVELOPERS and OWNERS OF

TILLY ALCARTRA

The Champion Long Distance Cow of the World

We developed and own the first 30000-lb. cow in Tilly Alcartra.
We also developed and own the only two times 30000-lb. cow in that same great animal.
We developed and own the highest record cow in the world for two successive years production for both milk and butter.
We developed and own the second highest record cow in the world for two successive years production.
We have developed more 1000-lb. cows than has any other herd in the world.

No Other Herd in the World Ever Developed An Equal Number of 750-lb. Cows

	Milk		Butter
Aaggie Acme of Riverside 2nd 164467	24690.0		1331.77
Aralia De Kol Mead 182592	23044.6		1215.20
Tilly Alcartra 123459	29826.6		1190.46
Aralia De Kol 55194	28090.0		1142.32
Miss Valley Mead De Kol Walker 250936	22021.1		1113.57
Aralia De Kol 3rd 164130	24554.1		1100.47
Hartog Creamelle De Kol 135123	27179.4		1093.03
Riverside Sadie De Kol Burke 70708	28826.4		1085.12
Pauline Creamelle Mercedes 139376	25620 8		1081.98
Ignaro Creamcup 102569	29545.0		1077.76
Miss Dutch 140723	24660.4		1025.97
De Kol of Valley Mead 2d 127017	20326.4		1011.71
Miss Blaney 75852	20740.3		1008.27
Pet Salambo of Riverside 94745	22287.0		1003.28
Lady Mead Salambo	22097.8		950.01
Arcula Alcartra	22675.2		933.48
Nydia Creamcup	21504.3		926.35
Woodland Wilhelmina 2d	22273.6		924.88
Sadie De Kol Acme	19002.6		885.72
Cream Cup	19993.6		877.33
Molly Duchess Daughter	19753.7		870.33
Heil Pontiac Mechthilde	18712.1		850.33
Leda Hartog Tiettie Alcartra	19778.4		845.55
Arabella E. 2d	20405.6		843.31
Linden Spofford Promise De Kol	18177.8		842.85
Cobossie Butter Girl	19543.2		828 62
Careme Rachael Mechthilde	19731.5		823.60
Aaggie Spring Brook Floa	19439.4		823.18
Contenta 2d	20144.4		818.36
Louise of Riverside	18362.3		814.22
Contenta Creamcup	20197.1		811.08
Parthenea Agnes 2d	19352.8		810.00
Aaggie Acme of Riverside	15032.6		808.82
Inka Tritomia Alcartra	19043.5		796.16
Riverside Seely Girl	17591 5		795.11
Wilhelmina Gerben De Kol	17469.5		791.57
Laura Netherland Gerben	16936.4		780.48
We-No Alcartra	19311.8		778.55
May Korndyke 2d	18868.9		776.46
Valley Mead Juliana of Riverside	16173.3		772.17
Elmwood Butter Girl	16893.8		768.36
Escudo De Kol	20496.5		766.71
Imperial Bonita	18424.6		762.73
Nutula Fobes	17669.8		762 38
Electa Ignara	19155.0		755.40
Leda Gerben Alcartra	19972.4		753.10
Riverside Seely Girl 2d	14115.8		751.10
	972712.9		42579.21
Average 47 cows	20696.0	% 3.5	905.9

Our Herd Sires are sons of Riverside Sadie De Kol Burke with 28826-lb. milk in a year and of Tilly Alcartra, the champion cow of the world and only two times 30000-lb. cow. The latter sire is the only bull in the world with an average of over 30000-lb. for his two nearest dams.
If you want to purchase young bulls with from five to seven 1000-lb. cows in their pedigrees, we can supply you.

When you have in mind Production—Remember Our Herd

A. W. MORRIS & SONS CORPORATION

WOODLAND -:- CALIFORNIA

SOMETHING OF DUTCHLAND FARMS

The new World's Record established at Dutchland Farms by Segis Pontic Dewdrop No. 351275 (the first daughter of King Segis Pontiac Konigen to enter yearly test) of 21.8 lbs. of butter from 455.8 lbs. of milk in 7 days, 8 months after calving (starting at 3 years and 7 months) again shows the value of Mr. Field's judgment in the selection of herd sires.

It will be remembered his first selection was Pietertje Hengerveld's Count De Kol (purchased as an aged bull) who eventually has had more daughters give 100 lbs. of milk in a day than any other sire in the world.

His next selection was Colantha Johanna Lad, purchased as a four-year-old. At that time he had been bred to but comparatively few if any A. R. O. cows and yet today he has twenty 30-pound daughters and 27 over 600 lbs. of milk in 7 days (ten more than his nearest competitor).

Pontiac Butter Boy was also select ed who was the sire of Ready Change with 31 lbs. of butter in 7 days and Crown Pontiac Josey with 1227 lbs. of butter from 28,752 lbs. of milk in a year and he was also one of the most celebrated bulls of the breed.

The next sire used was Aaggie Cornucopia Johanna Lad, who has the second largest number of daughters above 600 lbs. of milk of any sire of the breed. This bull was also purchased as an aged sire.

SEGIS PONTIAC DEWDROP

Mr. Field's next purchase was Dutchland Sir Pontiac Rag Apple, full brother to Pontiac Rag Apple and Pontiac Clothilde De Kol 2d, that made 37 lbs. of butter in 7 days and over 1271 lbs. from 25,318 lbs. of milk in a year, and Rag Apple is the sire of five daughters tested last winter that made average records of over 30 lbs. of butter, three were above 30 lbs. and one made over 34 lbs. as a three-year-old and he now has a daughter in test making at the rate of 39 lbs. in 7 days.

For fifteen years we have been combining the blood of the above sires with that of producing dams and today our herd of over 200 head is largely a combination of this blood. The writer has spent fifteen years at Dutchland Farms and is in a position to know the true value of every sire used during this period. However, since King Segis Pontiac Konign was purchased as our senior herd sire and I have had an opportunity to work with his daughters, I am candid in saying no bull has ever been at the head of our herd at Dutchland Farms whose daughters have shown the same individual excellence and great dairy qualities as have these Konigen's and the fact that the first daughter of Konigen to enter yearly test has just established a new world's record in the 8 months after calving division, leads me to believe that new marks in other classes will soon be made by his daughters. We already have 60 of them, 17 of which have been officially tested and show an average production of 22 lbs. of butter and 500 lbs. of milk. This average we feel sure will be maintained throughout this season and as next year we will be working on the Konigen daughters of our own breeding, still greater results are expected.

We are also getting wonderfully good records through the daughters of our Dutchland Creamelle Korndyke Lad (sired by Dutchland Sir Pontiac Rag Apple—full brother to Pontiac Clothilde De Kol 2d) who is widely known as the world's greatest three-generation sire for yearly production as his three direct dams show an average yearly production of 27,800 lbs. of milk and nearly 1100 lbs. of butter and as the bull whose five nearest dams on the dam's side have all held world's records.

We are using this bull to cross on the daughters of King Segis Pontiac Konigen (whose grandam is Pontiac Clothilde De Kol 2d) as these two sires have a great deal of the same blood in common. The resulting calves from this cross combine three crosses of Pontiac Korndyke and Hengerveld De Kol. Any breeder who appreciates the great transmitting qualities of these blood lines knows that when coupled with the blood of producing dams that are out of the great bulls that have stood at Dutchland Farms that the results are bound to be right.

It has been particularly pleasing to the writer to see the Dutchland sires establish new marks in the various classes but even more pleasing is the fact that Fred F. Field is more enthusiastic (if possible) over Holsteins today than fifteen years ago. He spends many evenings in the study of pedigrees and were you to examine his Blue Book you would find comparatively few producing dams but what were checked showing he had had pedigrees of their daughters drawn up, endeavoring to learn whether their large records were due to the influence of a producing dam or whether it was on account of producing blood through the sire. He fully appreciates the value of a producing dam as well as that of a producing sire and his success as a breeder is shown by the fact that so many of the world's records established at Dutchland Farms have been largely made by animals that were born and raised there.

Very truly yours,
Earl D. Upton, Manager,
Fred F. Field Holstein Company,
"Dutchland Farms."

Calf Scours

Save every Calf. High meat and milk prices make control of Calf Scours more necessary than ever before.

Scouring calves indicate a germ infection that is likely to run through your entire herd with serious losses. The loss of one calf is bad enough, but nothing compared to your loss when the infection spreads, as it will unless checked. Then your year's work in building up your herd is wasted and your profits lost.

B-K, the powerful germicide and disinfectant will promptly stop scours and finally banish it from the premises. B-K contains no poison, acid nor oil. When used internally it destroys germs, heals inflamed membranes, relieves irritation, restores healthy action. B-K may be given freely in milk and drinking water.

The B-K plan is simple and practical. It is giving wonderful results. Send for "evidence"

FREE BULLETINS: Send for our valuable bulletin No. 136, "Calf Scours," also information on other farm uses and our "Trial Offer." If your dealer does not have B-K, send us his name.

GENERAL LABORATORIES
5311 *So. Dickinson St., Madison, Wis.*

B-K · B-K · B-K · B-K · B-K · B-K · B-K

WANTED

A position as farm manager. Would prefer to take charge of all work on farm expect dairy. Can give plenty of good references. Address

FRED COLLINS
Woodville, Jefferson Co. N. Y.

Two Hundred Thirty-Five Head

MOYER'S
Second
HOLSTEIN SALE
Liverpool, N. Y.

Guaranteed Under 60-Day Retest

The sale will include several 30-lb. cows, a large number of sons and daughters of 30-lb. cows and an unusually large number of officially tested animals having A. R. O. backing for several generations.

In all it will be a sale even surpassing the sale of last March which is saying a very great deal.

You can plan to attend with every confidence in the offerings and with the assurance you will be able to find animals fit to enter any herd in the world, regardless of its quality.

"The Market of the Best."

H. A. MOYER, Director
Syracuse, New York

From These Well Known Breeders

H. A. MOYER	47 Head
Claude E. Trinder	36 Head
Oneida Community	28 Head
E. C. Brill	14 Head
John Fuggles	12 Head
Otto L. Ives	12 Head
John Walrath	10 Head
E. A. Powell	10 Head
John Arfmann	9 Head
A. L. Brockway	8 Head
C. L. Amos	8 Head
R. M. Stone & Son	8 Head
George Abbott	8 Head
W. H. Mace	7 Head
M. E. Woodworth	5 Head
W. Harold Crowell	5 Head
Francis M. Jones	4 Head
Wm. Cox	1 Head
Harry W. Campbell	1. Head
C. W. Ellis Jr.	1 Head

FEBRUARY 18-19-20, 1919

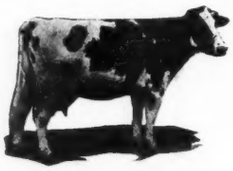
Like the Yeast In Mother's Bread—

That Great Old Bull

Sir Ormsby Skylark

AND HIS GET

SIR ORMSBY SKYLARK



DUCHESS SKYLARK ORMSBY

They Simply Go UP! UP!! UP!!!

Starting in the simplest and most humble manner they have risen to the very top and today the name of Sir Ormsby Skylark is a household word with the best Holstein breeders in the land.

He has come to enjoy this position only by reason of his demonstrated ability. Bred into him are two vitally important things—

Individuality — Producton

He has made his reputation because he gives these very things to every one of his offspring. With an opportunity incomparably small having been used during the early years of his life in a grade herd, he is today a YOUNG bull in the light of great sires. Like Begets Like—Sir Ormsby Skylark has sired the greatest Long Distance cow in the World (Duchess Skylark Ormsby)—the conclusion is logical.

You alone are responsible for the position you hold as a breeder of Holsteins. A son of Sir Ormsby will go a long way in correcting the condition that now exists.

The MAXWELL Farms

D. G. MAXWELL, Owner Waterloo, Iowa

K. K. S. V. LOCKHART INCREASES RECORD

K. K. S. V. Lockhart, a daughter of King Korndyke Sadie Vale, owned and developed by W. D. Robens, has recently increased her previous 2-year-old record of 21.72 lbs. butter from 424.5 lbs. milk to 22.58 lbs. butter from 430.1 lbs. milk.

FAIR DATES FOR 1919

The American Association of Fairs and Expositions at a meeting held in Chicago December 3 to 5 submitted the following tentative list for the 1919 Fair Circuit. We are expecting that Holstein cattle will be shown at the big line of fairs this fall in greater numbers than ever before and it is well to remember that the men who make a success of the show game are the men who make definite plans early. We suggest the preservation of this list which in the main will stand as given:

Alabama State fair, Birmingham, Oct. 6-1; Chattanooga District fair, Chattanooga, Tenn., Sept. 29-Oct. 4; Colorado State fair, Pueblo, Sept. 22-27; Eastern States Agricultural and Industrial Exposition, Springfield, Mass., Sept. 13-20; East Tennessee Division fair, Knoxville, Tenn., Oct. 6- 12; Erie Exposition, Erie, Pa., Aug. 18-23; Grand Forks fair, Grand Forks, N. D., July 15-19; Illinois State fair, Springfield, Aug. 15-23; Indiana State fair, Indianapolis, Sept. 1-6; Interstate Live Stock fair, Sioux City, Ia., Sept. 14-19; Interstate fair, Trenton, N. J., Sept. 20-Oct. 3; Iowa State fair, Des Moines, Aug. 20-29; Kansas Free fair, Topeka, Sept. 8-13; Kansas State fair, Hutchinson, Sept. 13-20; Kentucky State fair, Louisville, Sept. 8-13; Kankakee Interstate fair, Kankakee, Ill., Aug. 22-30; Louisiana State fair, Shreveport, Oct. 29-Nov. 3; Memphis Tri-State fair, Memphis, Tenn., Sept. 20-27; Michigan State fair, Detroit, Aug. 28-Sept. 7; Midland Empire fair, Billings, Mont., Sept. 15-20; Minnesota State fair, Hamline, Aug. 20-Sept. 6; Mississippi-Alabama fair, Meridian, Miss. Sept. 29-Oct. 4; Mississippi State fair, Jackson, Oct. 20-25; Missouri State fair, Sedalia, Aug. 9-16; Nebraska State fair, Lincoln, Aug. 31- Sept. 5; New York State fair, Syracuse, Sept. 8-13; Interstate fair, Fargo, N. D., July 21-26; Ohio State fair, Columbus, Aug. 25-29; Oklahoma Free State fair, Muskogee, Sept. 29-Oct. 4; Oklahoma State fair and exposition, Oklahoma City, Sept. 20-27; Rochester Exposition and Horse Show, Rochester, N. Y., Sept. 1-6; Spokane Interstate fair, Spokane, Wash., Sept. 1-6; South Dakota State fair, Huron, Sept. 8-13; Southeastern fair, Atlanta, Ga., Oct. 11-18 (privilege to 25th); State fair of Texas, Dallas, Oct. 14-26; State fair of Idaho, Boise, Sept. 22-29; Tennessee State fair,Nashville, Sept. 15-20; Texas Cotton Palace, Waco, Nov. 1-16; Virginia State fair, Richmond, Oct. 6-11; Wisconsin State fair, Milwaukee, Sept 7-14; Wyoming State fair, Douglas, Sept. 8-13; Wichita International Exposition, Wichita, Kan., Sept. 29-Oct. 11; Northwest Live Stock Show, Lewiston, Idaho, Nov. 6-13.

A 32.61 Lb. Cow A Bull Calf from a 30.55 Lb. Dam

Meadowview Farms Consignment to the 60-Day Guarantee Sale to Be Held at

SYRACUSE, N. Y., JANUARY 20-21, 1919

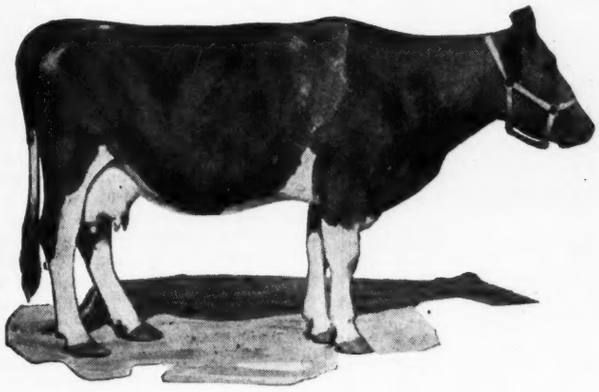
The cow bred and developed at Meadowview Farms. Just 8 years of age; absolutely right in every respect and you will say she is of the finest when you see her. Weighs nearly 1700 lbs., and will do credit to any herd. Has 5 daughters now living, three of them in our own herd. She is a granddaughter of Hengerveld De Kol. Inspect her, if you like, before she is led to the ring.

The Bull Calf is 8 months of age, a fine individual, well-grown and just the kind that will do any herd credit. His dam a granddaughter of Hengerveld De Kol made her present 30.55 lb. record in 5 year old form last May. She is still in our herd and has every prospect of increasing her record.

This, our first consignment to any sale, includes the results of 10 years of careful breeding and study.

Plan now to attend the sale. We want to get acquainted.

MEADOWVIEW FARMS, W. S. Woodcock, Prop. EDWARDS, N. Y.



Makes World's Record With Sharples Milker

The Sharples Separator Co.,
West Chester, Pa.

Yes, we copped one of the association prizes with "Leda Johanna Rue." She holds a world's record for a 13-year-old cow and it takes a real dairy cow to get in on any of the association prize money. This cow was milked with the Sharples Milker four times daily the first eight months and three times daily the last four months. The last milking of the 365 days, or the thirteen hundred and thirty-fifth milking, she gave 18.2 pounds of milk and was milked with the Sharples machine. She has freshened since and is again being milked with the machine and hitting the same pace. The Sharples Milker is the only machine. I would rather part with this cow than the machine, if it came to a choice, although the cow is worth five times the price of the machine.

Very truly yours,
Charles R. Hey, Manager,
Hill Den Farms Company, Dixon, Ill.

SHARPLES MILKER

"The Only Milker With Positive Squeeze"

Mr. Hey's letter speaks for itself—Sharples Milker was used on this cow after she had been milked by hand for years. But it was not until the Sharples machine was used that a world's record was made. The Sharples positive squeeze and massage action on the teats made it possible to milk faster than others could and also insured the health of the teats and udder.

No other milker has this squeeze or massage—and Leda Johanna Rue is the first cow to make a world's record while being milked by a milking machine.

Sharples Milker is an efficient and labor-saving milker, whether on the average or the finest purebred or highest producing cows.

Write for information on other day-to-day achievements of the Sharples Milker. Address Dept. 45.

The Sharples Separator Company

West Chester, Pa.

Sharples Suction-feed Separator—Skims clean at any speed

BRANCHES: CHICAGO SAN FRANCISCO TORONTO

P 41

HURD FARMS

Headed by

Hilldale Korndyke Abbekerk

"The bull that produces them worth while"

His entire list of daughters that have freshened to date:

Hurd's Mettamae Pontiac, 3y
Butter 27.145
Milk 519.00
30 days—
Butter 112.613
Milk 2441.2
Hurd's Korndyke De Kol, 2y
Butter 21.001
Milk 500.6

Hurd's De Kol Korndyke, 2y
Butter 19.66
Milk 346.00
Hurd's Korndyke Beets, 2y
Butter 17.52
Milk 376 80
Hurd's Belle Korndyke, 2y
Butter 17.48
Milk 443.00

Hurd's Pauline Korndyke, 2y
Butter 15.91
Milk 398.00

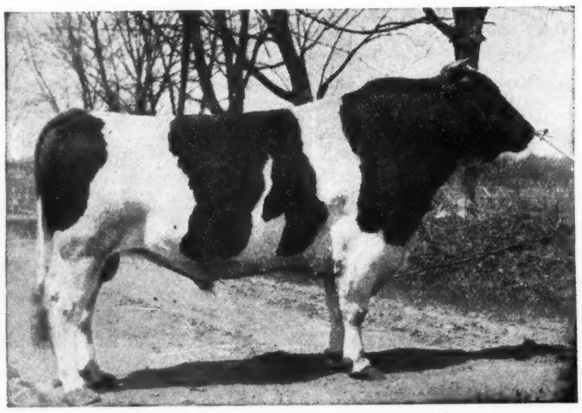
Service fee, $100 for approved cows. Pedigrees and pictures on application.

C. W. HURD Prop. **HURD FARMS** Elma, N. Y.

Sons of This Bull

Mutual Fobes Longfield De Kol

22 A. R. O. Daughters. A Champion and sire of Champions.



From Dams Up to 31.5 Lbs.

Mutual Fobes Longfield De Kol is a son of Fobes Tritomia Mutual De Kol, from a 30-lb. 3-year-old former world's record daughter of Homestead Jr. De Kol. They go quick—send for details.

MILFORD MEADOWS STOCK FARM

Harry Faville, Mgr. Lake Mills, Wis.

BROADHURST QUALITY IN EVIDENCE

During the 1917 fair season, at the five fairs in the New York state Holstein belt where exhibited, the pure bred calf and breeder's young show herds representing the Broadhurst Holstein Farm, Morrisville, New York, were awarded 9 first, 7 second, 3 third and 2 sweepstake prizes. This last fall the Broadhurst aristocratic representatives made even a finer showing than that of 1917. At the same five fairs where exhibited a year ago, including the big show at the state fair at Syracuse, the Broadhurst exhibit was awarded this year, in keen competition, no less than 12 first, 9 second, 4 third and three sweepstake and special prizes. The Broadhurst calf herd was defeated only once for first place, that being by Mr. Hager's noted string of beauties at the New York State Fair. Only in one class were more than two entries made, which makes the showing all the more remarkable.

The Broadhurst people have a rather novel way of transporting its show animals, the exhibit being carried to and from the fairs in a big three-ton motor truck.

WISCONSIN HOLSTEINS TO TENNESSEE

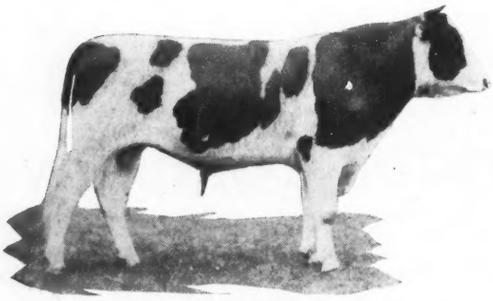
A solid carload of grade Holsteins left Hartford, Wis. the week before Christmas for Memphis, Tenn. This was the third carload of cattle from the vicinity of Hartford for southern buyers in the past two months. This load was purchased by E. F. Perry who is entering the dairy business extensively at Memphis, assisted by by County Agent Geo. Blank The cattle were purchased from John, Louis and Arthur Frey who are disposing of their grades with the intention of replacing them with pure bred Holsteins. The average price paid was $150 00 a head. Mr.Perry also purchased a carload of grades from farmers around West Bend, Wis.

Spell it caesar, kaiser, czar or tsar—they're all as obsolete now as they were once absolute.—Savannah News.

12 Unbred Yearling Heifers

Finely marked, white predominating. Veeman Pontiac and Korndyke breeding. Also 8 finely marked heifer calves, from a 33-lb. bull, Pontiac and Korndyke dams.

O. B. MOWRY, Mexico, N. Y.



KING KORNDYKE SADIE VALE 24th

A Splendid Son of This Bull

Born November 1917, three-fourths white, large for his age, broad and deep bodied. His dam has 26 lbs. in 7 days 98.5 lbs. in 30 days, and as a 2-year-old 644 lb. butter in a year. We are making a very attractive price on this calf.

Write for photo, pedigree and description.

W. B. BARNEY & SONS **Chapin, Iowa**

King Mutual Korndyke 6th

Born June 30, 1918

HERE'S ONE YOU'LL LIKE

YEAR RECORDS

TWO TIMES 30-LB. DAM

WORLD RECORD GRANDAM

SHOW RING INDIVIDUALITY

BACKED BY BEST BREEDING

BY A GREAT SIRE

FROM A MARVELOUS DAM

HE is sired by King Mutual Korndyke our son of the world champion long distance junior 2-yr-old in long time work with a year record of over 1200-lb. butter from over 22,000-lb. milk and a seven day record as a 3-yr-old of over 36-lb. butter. She is a daughter of King Hengerveld Aaggie Fayne with ten 30-lb. daughters and three 1000-lb. daughters.

The dam of this calf is Artis Pontiac Susie Judith that as a 4-yr-old made 682-lb. butter in 7 days—then as a 5-yr-old made 30.23-lb. butter from 619-lb. milk and finished a year record of 963-lb. butter from 18,018-lb. milk—came back as a 6-yr-old and made 31.6-lb. butter from 632-lb. milk and is now finishing a year record that promises exceptionally well. Bear in mind this is her third year record.

Also remember she is sired by King Pontiac Artis, a son of King of the Pontiacs from a 1000-lb. daughter of old Hengerveld De Kol.

His two nearest dams now average over

1050 lb. butter

We are headquarters for yearly record bulls.

Hargrove & Arnold Holstein Co.

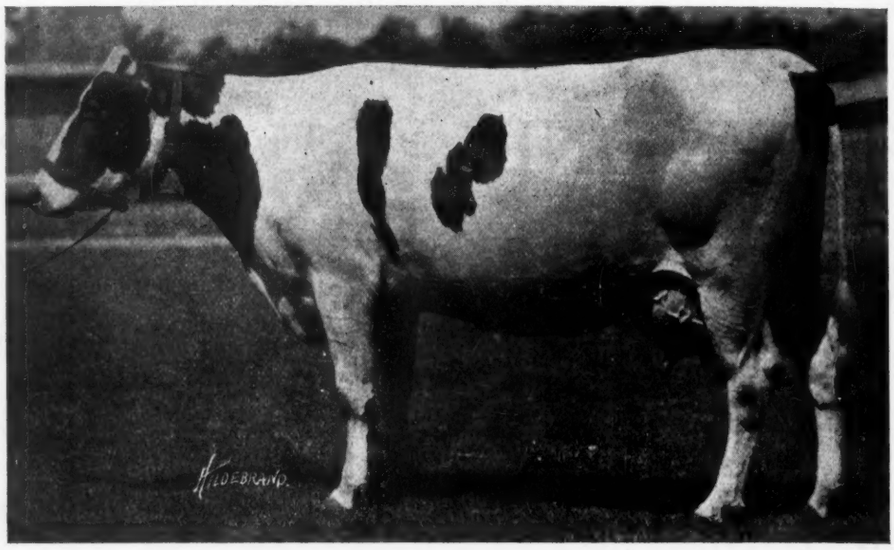
Norwalk, Iowa

Headquarters for Long Time Backing

THIS GRANDSON AND GREAT GRANDSON OF

FROM THIS CONSISTENT PRODUCING GRANDDAUGHTER O KING

EMERETTA KORNDYKE DE KOL



BUTTER, 7d, 5
Milk .....
Butter, 30d ...
Milk .....
Butter, 60d ....
Milk .....
BUTTER, 7d, 4
Milk .....
Butter, 30d ....
Milk .....
BUTTER, 7d, 3
Milk .....

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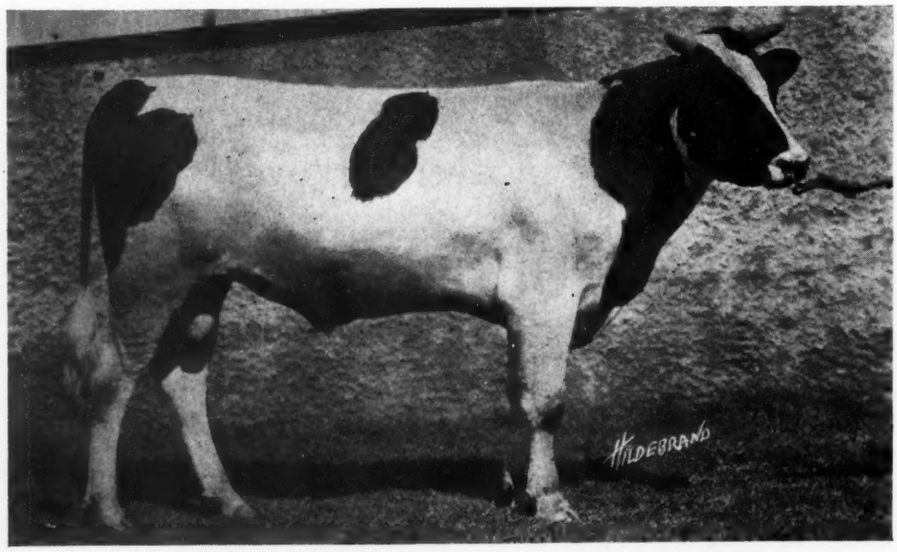
EIGHT MONTHS AFTER CALVING 25.98

(Only Five Other Cows in the World Have Equalled This Record)

She is now on yearly test and so far has produced 846 lbs. from 18,124 lbs. milk (214 days). That's 3.95 lbs. butter and 84.78 lbs. milk in a day.

Her 26-lb. dam is also on yearly work.

Six of her sisters from the same dam will be developed at Winterthur.



Born January 30th, 1917

WINTERTHUR KING SEGIS EMER

KING OF THE ORMSBYS

WINTERTHUR FARMS

COMDER

His dam has
more years
which to ma
better record

HI SISTI

One-fifth of
herd (350)
males are his
ters.

—A IN SE

KING OF THE ADIE

OF KING SEGIS IS READY FOR SERVICE

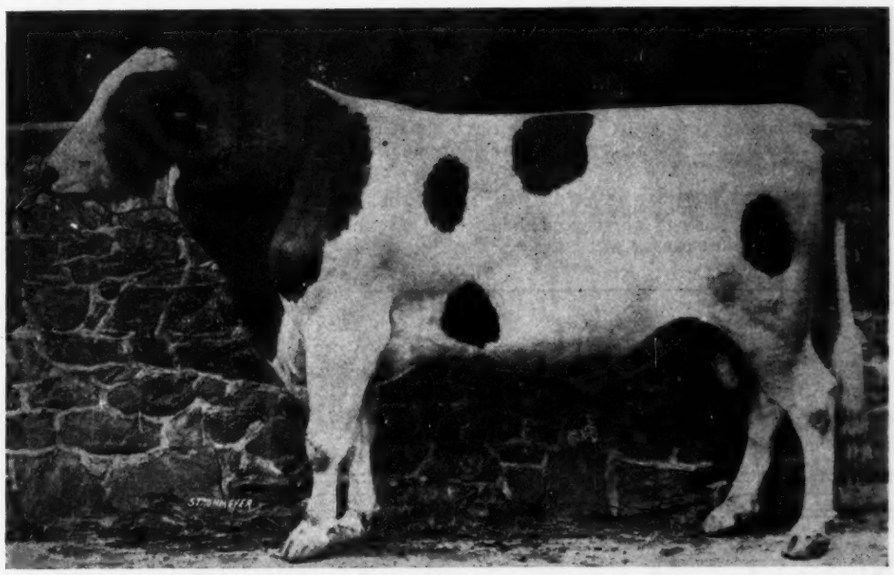
KING SEGIS—AND—BY THIS 30-LB. SON OF KING SEGIS

SIR INKA PRILLY SEGIS

Is out of Inka Prilly (30.01 lbs.), who carries a double cross to the noted foundation cow Prilly.

His get have every indication that he is consistently transmitting the King Segis qualities.

His daughters are big, well built heifers with straight lines—one two-yr-old weighing 1700-lbs. at freshening, yet without any trave of coarseness. They have exceptionally well placed udders and are all heavy milk producers.



CONSIDER THIS

His value, like the records of his dam and sisters, is increasing daily.

HIS SISTERS

His full brother, one year older, is permanently in service in our herd.

—AND IN SERVICE —

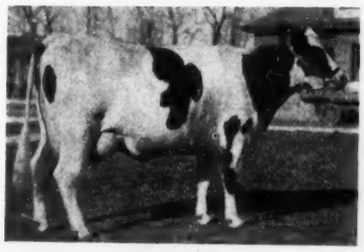
Pioneer Queen Segis

Butter, 7d (2y)	20.70
Milk	549.70
Butter, 30d	84.27
Milk	2154.40

She in now on yearly test and has so far made:

Butter, 144d.	357.64
Milk	10820.00

(That's over 75 lbs. a day)



Winterthur Inka Prilly Segis Burke

Butter, 7d (2y)	22.78
Milk	515.30
Butter, 30d	88.24
Milk	2037.40

(That's 67.91 lbs. milk a day)
Not officially reported.
She is now on yearly work.

Winterthur Inka Prilly Segis Daisy

Freshened the other day as a two-year-old and is now on yearly test. The indications are now that she will make at least a 20-lb. seven-day record.

Daughters of SIR INKA PRILLY SEGIS

THE SADIE VALES

JOHANNA KING SEGIS

WINTERTHUR, DELAWARE

Strickland Farm

Get as firmly fixed in your mind as you possibly can, STRICKLAND FARM, when you think of good cattle; individuality and production have been my hobby along with satisfied customers.

Years of experience back this up.

Now, about a young sire. We just have some real ones ready for you, with a splendid lot of breeding and individuality, strong in blood of King of the Pontiacs and Pontiac Korndyke; from great, big, handsome dams with good records.

We always answer correspondence. Let me know your wants, either males or females.

S. M. STRICKLAND

Carthage **New York**

Yearly Record Bull Calf

Born August 8, 1918

Sire: Iowana Sir Ollie, 2 A. R. O. daughters including the state record Jr. 2-yr-old for 7 and 30 days. He is a son of the famous 31-lb. cow, Ollie Watson Prima Donna and his sire a son of Jessie Fobes Bessie Homestead (34.96 in 7 days and 932.73 in a year).

Dam: Groveland Inka Netherland, butter one year 832.75 lbs., milk 19640.4. Butter 7 days 24.87 lbs., milk 556.2 lbs. Her sire is the old time show bull Groveland Inka Hijlaard and her dam a granddaughter of De Kol 2d's Butter Boy 3d. Calf is ¾ white and an outstanding individual. Write now for price, pedigree and photo.

WALCOWIS FARMS

N. Dickinson & Son **Lake Geneva, Wis.**

MORE GOOD RECORDS AT LIVINGSTON COUNTY, MICH

Considerable testing is being done around Howell, Mich. this winter and some very good records have been made recently.

Tracy F. Crandall made a record of 647.5 lbs. milk and 26.23 lbs. butter in 7 days and 1205 lbs. milk and 50.09 lbs. butter in 14 days on Rookwood Palmyra Fayne 204357. This cow milked 100.3 lbs. one day during her test.

Jay B. Tooley made the following records: Canary Palmyra Fayne 190953, 6 years old, milk 543.9 lbs. butter 28.10 lbs. Macon Vale Canary 2d 190954, 6 years old, milk 538 lbs. butter 25.08 lbs. Nortonia Pietertje Canary Lass 255092, 4 years 11 mo., milk 458.4 lbs., butter 25.20 lbs. Vale Fayne Cadilac 349766, 2 years 11 mo., milk 553.8 lbs., butter 23.80 lbs. Kate Walker 367989, 2 years 7 months, milk 447.2 lbs. butter 19.25 lbs. Canary Fayne Walker 375154, 1 year 11 mo., milk 387.7, butter 18.40.

Silas Munsell tested two that made as follows: Belle Walker Canary 391876, 2 yr. 2 mo. 13 days, milk 443 lbs., butter 22.17 lbs., this is the butter record for our county for age. Canary Traverse Walker 396018, 2yr. 1 mo. 16 days, Milk 451.2, butter 18.75 lbs. The last three heifers were all daughters of Prince Walker Calamity Wayne 162950 whose dam has a 30 lb. 4-year-old record, and were his first three daughters to be tested, certainly a good showing. F. J. F.

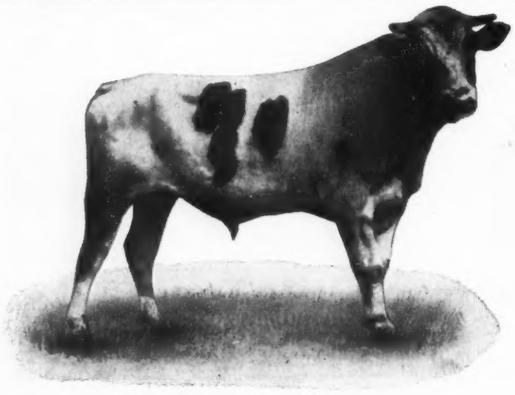
"Why," asks an esteemed contemporary, "does Wisconsin stand at the head in raising Holsteins?"

"Because," the World suggests, "it would really be the safest place for a smart state to stand."

Barns Built

Before letting your contract get my figure. Large buildings desired. Suggestions advanced. Plans and loans furnished. Estimates given. Work done anywhere within 500 miles of Buffalo, N. Y.

Wm. A. Walker
General Contractor
583 West Utica St., Buffalo, N. Y.



WANTED

A first class herd bull to use on the daughters of Cloverlawn Johanna Piebe whose five nearest dams average 1070 lb. butter from 23,809 lb. milk in a year. He must be a good individual, good sized and long distance breeding on both sides. Will consider a young calf up to a full aged sire.

JOHN PULS

HARTFORD **WISCONSIN**

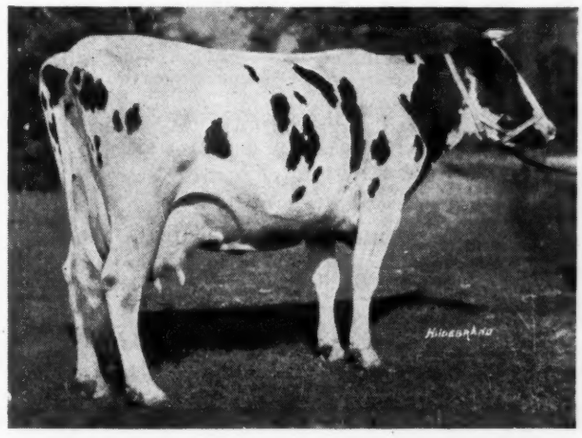
Standardized Holstein Cattle of Quality

Have you noticed how the STANDARD of excellence in Holstein cattle has been gradually raised during the past few years? Have you noticed how eagerly breeders will pay a BIG PRICE for "Quality"? Have you noticed the increased demand for INDIVIDUALITY? I believe if you are treating your Holstein Breeding operations as a BUSINESS proposition, the SUREST way to insure success, is to STANDARDIZE. That is, use the blood lines of PROVEN worth as producers and individuals, and then work to breed them better. When I bought for $35,000.00

A BETTER BULL **MAJESTIC RAG APPLE** *THAN HIS SIRE*

I believed that he represented just what I am writing about, and that I might be SURE that his progeny would score high as individuals and producers. He is a brother to the World's Champion 42.42 lb. 3-year-old and this wonderful cow

K. P. Diona Pietertje



is his dam. She has a record of 40.15 lb. of butter and 825 lbs. milk. and she is a full sister to the sire of the world's champion 43.59 lb. 4-year-old.

Her sire is the only bull of the breed with THREE 40-lb. daughters so you see that this great bull of ours, carries a wealth of that FORTY (40) lb. blood that's getting so popular. One of his sons would put you in the "Aviation Service" away up high.

SOME WONDERFUL BULL BARGAINS

We have some unusual values to offer in young bulls, all the way from calves to Service Bulls. The "Quality" is very much above the average, and the PRICE is WAY BELOW what you'd expect for such great breeding and individuality. Just write us today and let us tell you about some of these wonderful youngsters. EVERY ONE of them will make good money for the man who buys.

THE HOME OF MAJESTIC RAG APPLE

Niagara Maid Farm, J. T. Shanahan, Owner, East Aurora, N.Y.

The Home of

Maplecrest Avalon, No. 203845

His dam's dam, sire's dam and sire's dam's dam average:

Butter 7 days	31.25 pounds
Milk 365 days	24,139.0 pounds
Butter 365 days	1228.0 pounds
Fat percentage	4.09 for the year

We know of no other bull in the country who can approach the above averages.

He has three crosses of Pontiac Aaggie Korndyke and two of Friend Hengerveld De Kol Butter Boy, the two greatest long distance sires of the breed.

We Are Specializing in Yearly Work

We are trying to make good seven-day records from a large amount of milk, and therefore a fairly normal per cent of fat.

We are aiming at a large per cent of fat in yearly work.

We are under the supervision of the U. S. Bureau of Animal Industry for tuberculosis.

We propose to give a clean bill of health in every way for every animal we sell.

We can spare no pure bred females at the present time, but invite inquiries for bulls with good backing at moderate prices.

AVALON FARMS

E. D. CURTIS, Owner Bantam, Conn.

WISCONSIN CHAMPIONS

Bred and Developed at

HILLSIDE STOCK FARM

Caroline Paul Parthenea, 9 yr.

30-day champion over all ages, 142.39. Former world's champion for two years' work.

Piebe Pontiac De Kol 3d, 4 yr. 5 mo.

Champion 8 months after calving. 15.49 lbs.. Champion S. O. yearly, 907.06

Johanna Piebe White, 2 yr. 4 mo.

Champion 8 mo. after calving, 16.55. Champion S. O. yearly, 904.35.

Five State Champions All Bred and Developed Here

We can offer young bulls bred in the most popular lines, backed by state champion and world's champion producers and GENERATIONS OF LONG-DISTANCE WORK at prices that will attract you.

For pedigree, etc., address

R. J. SCHAEFER

Hillside Stock Farm Appleton, Wis.

Lest You Should Forget

that

Finderne Fayne Valdessa

is the son of

Finderne Netherland Fayne

At 3 years:

Butter in 7 days	37.13
Average per cent fat	5.24
Butter in 30 days	139.78

Sister to:

Finderne Holingen Fayne

At 3 years, 37.34. Ex-Champion of the world, from 7 days to one year. By a brother to Segis Fayne Johanna, 50.68. Present Champion of the world.

THAT he was sired by King Valdessa whose two nearest dams average 43.03. Average per cent fat 5.43. Butter 30 days 167.90.

THAT his dam and sire's two nearest dams average, butter in 7 days 41.06.

THAT his two nearest dams average 39.51.

THAT his three nearest dams average 36.69.

THAT his four nearest dams average 38.56.

THAT his five nearest dams average 35.46.

THAT his six nearest dams average 31.70.

THAT his seven nearest dams average 32.07.

THAT his eight nearest dams average 32.52.

THAT the blood of at least 10 World's Champion cows mingle in his veins.

THAT 94 30-lb. cows are daughters of the sires or dams that appear in his 6-chart pedigree.

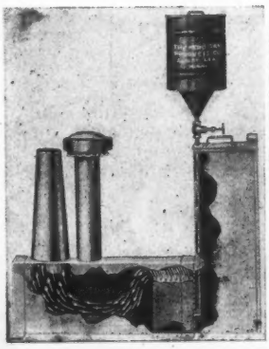
THAT we now have sons of this great young sire out of good daughters of King Korndyke Sadie Vale.

BROCK & JENKS

Genoa Stock Farms Genoa, N. Y.

The Perfection Kero-Gas Stock Tank Heater

The Heater in a Class by Itself



Burns ordinary, cheap kerosene, with gravity feed—NO air pressure used on oil tank. The most useful and labor-saving device on the farm. By its use, you eliminate all labor of kindling fires, shoveling in coal or wood and removing ashes, etc. This KERO-GAS Burner produces a steady blue flame of an intense heat, requires practically no attention, except to fill the oil tank; simple in construction, and easy to operate. Can be used close up to buildings, no danger of fire from flying sparks. We also supply the burners to work in the Cow Boy and similar upright heaters. If you have an extra deep cement tank, here is a heater that will do the work. Heaters are made in two heights, 25 inch and 30 inch.

Prices, Special Type Heater complete with burner, $25.00

Tank Burner only, for other heaters $14.00

Fully guaranteed. Place your order at once for immediate delivery. Heaters are only sold direct to farmers. Literature on request.

Manufactured by

THE KERO-GAS PRODUCTS CO.

Albert Lea, Minn.

WANTED

Fifty head of December bred yearlings and short two-year-old heifers. Prefer heifers with A. R. O. breeding on both sides of pedigrees.

W. J. O'BRIEN

Tonganoxie, Kansas

THE GREATEST EVER

Will be our 34th annual meeting in Philadelphia next June. Be sure to attend.

Holstein-Friesian Association of America

Box 182 Brattleboro, Vt.

14th CONSIGNMENT SALE

Liverpool, N. Y. -:- January 20-21, 1919

All Sold Under 60 Day Guarantee

Sons of 30-lb. Cows. Daughters of 30 to 34-lb. Cows. 32-lb. Cow. Cows and Heifers Bred to 40-lb. Bulls.

— Consigned By —

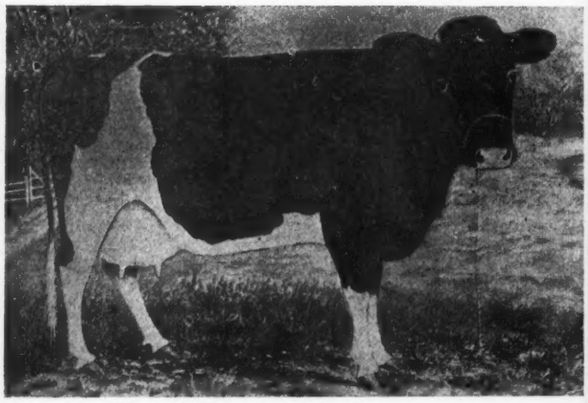
COLE & BROOKS
GEO. E. STEVENSON
MANOR FARMS
W. W. STEVENS
A. ELLIS
F. C. & K. A. OVERTON
G. N. SMITH
R. J. STEVENS
A. R. OWEN

If you want to buy Real Quality come to this sale—Remember the 32-lb. cow and the son of the 31-lb. 2-yr.-old—They are fair samples.

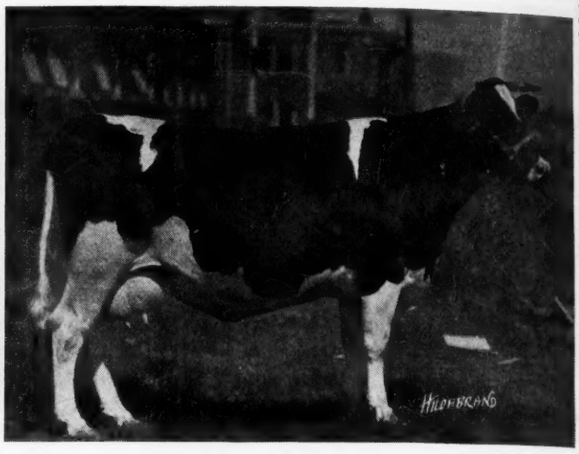
Under Management of

Liverpool Sale & Pedigree Co.

LIVERPOOL, N. Y.



CALAMITY JANE
One of the earliest foundation cows in the Dominion of Canada and widely known wherever Holsteins are bred.



HET LOO PIETERTJE
The World's Champion Junior 2-year-old. Sold from Canada for $12,500.

ADVERTISING "THE WORLD'S GREATEST"

In the World of December 21, 1918 is an article written by Mr. A. G. Wade entitled "How to Write Effective Holstein Advertising" and in quoting one of his paragraphs,—

"I will have swept out the 'cobwebs' that befog so many when they sit down to write an ad who can't see or think anything but 'The World's Greatest' and lots of other untruthful, unreasonable claims".

I take exception to that statement wherein he classes "The World's Greatest" with "other untruthful, unreasonable claims".

At the top of our copyrighted trade mark "The World's Greatest" is a likeness of Aaggie Cornucopia Pauline who at that time held the world's record for butter production and was owned jointly by my brother and myself. She held the world's record for several years. The bull that appears on our trade mark is Pietertje Hengerveld's Count De Kol and the cow opposite him is De Kol Creamelle who held the world's record for milk production. Colantha 4th's Johanna displaced the world's champion, Aaggie Cornucopia Pauline, and we then purchased her son, Colantha Johanna Lad, our former herd sire, and I claim he is entitled to the insignia "The World's Greatest" because he is the only bull that has 27 daughters above 600 lbs. of milk in 7 days and he was also the only bull at that time whose first three daughters to enter semi-official yearly work made world's records in their respective classes and all of these records were made under the rules and supervision of the Advanced Registry of the Holstein-Friesian Association. He also stands today second to King of the Pontiacs for butter production and when you stop to consider the King of the Pontiacs has 246 A. R. O. daughters with 28 above 30 lbs. and Colantha Johanna Lad has 117 A. R. O. daughters with 20 over 30 lbs., his percentage of 30 lb. cows is a remarkably good showing. His nearest competitor in the number of 600-lb. daughters is Aaggie Cornucopia Johanna Lad, also a former herd sire at Dutchland Farms, who from the last report I have, has 17 daughters above 600 lbs.

Pietertje Hengerveld's Count De Kol is also entitled to come under the caption "The World's Greatest" from the fact he has 14 daughters that have given 100 lbs. of milk in a day which can be said of no other bull of the breed living or dead and he stood at the head of our Dutchland Farms herd.

We speak of Dutchland Creamelle Korndyke Lad as "The World's Greatest Three-Generation Bull for Yearly Production" which is a fact as his three direct dams average 27,800 lbs. of milk and nearly 1100 lbs. of butter, beginning with his great grandam, De Kol Creamelle, that made the world s record of 10,017 lbs. of milk in 100 days (she was a daughter of Pietertje Hengerveld's Count De Kol) and gave 26,238 lbs. of milk in the year which at that time was a world's record.

Her daughter, Creamelle Vale, made another world's record for milk production of 29,591.4 lbs. of milk and she made 1155.85 lbs. of butter and in turn, her daughter, Dutchland Colantha Vale (a daughter of Colantha Johanna Lad) made the world's milk record as a junior two-year-old of 22,750 lbs. of milk and 857.4 lbs. of butter and has since made in strictly official yearly test 27,625 lbs. of milk and 1082.38 lbs. of butter. She is the dam of Dutchland Creamelle Korndyke Lad.

The sire of Dutchland Creamelle Korndyke Lad is Dutchland Sir Pontiac Rag Apple, who is a full brother to Pontiac Clothilde De Kol 2d who made the world's record for yearly production of 25,318 lbs. of milk and 1271.6 lbs. of butter. Pontiac Clothilde DeKol 2d is alive today at Dutchland Farms and she produced twin heifer calves last July and is apparently in calf again and she is now 15 years old. In fact, the progeny of this cow, through her sons, grandsons, and great grandsons, has unquestionably brought more money than any other living cow of the Holstein breed. Another reason why "The World's Greatest" should be used.

Our present senior herd sire, King Segis Pontiac Konigen, (a grandson of King of the Pontiacs and Pontiac Clothilde De Kol 2d) his first daughter to enter yearly test in our herd, has just finished an 8 months after calving record of 21.8 lbs. of butter from 455.8 lbs. of milk in 7 days which we are informed is a world's record, calving at the age of 3 years and 7 months. We are inclined to believe from the way that the Konigen's are "coming on" that some day we shall speak of him as "The World's Greatest" and speak truthfully as we have of our other great bulls and cows at Dutchland Farms.

The breeders of trotting horses speak of Peter the Great as "The World's Greatest Sire of 2.10 speed" and they also speak of the late Bingen as "The World's Greatest progenitor of extreme speed" and those statements are the truth from the records of the progeny they have produced.

I quite agree with Mr. Wade that in the past some of our breeders in their enthusiasm have perhaps made statements that were not quite correct as regards their having the greatest animals in the world but when any breeder makes a world's record or has bulls whose progeny makes world's records (either at his own farm or at others) under the rules and supervision of the Advanced Registry of the Holstein-Friesian Association in my judgment that breeder is entitled to speak of or advertise those animals as "The World's Greatest" or stronger language if there is any.

From Mr. Wade's suggestions, however, (and you say he is a breeder of Holsteins and also of the Wade Advertising Agency of Chicago, advertising experts of wide prominence) I would gather that in case he made several world's records with his Holsteins he would not exploit them as "The World's Greatest" in his advertising. Personally, I think it is creditable for any man to make world's records with animals of his own breeding and if daughters or sons of his herd sires make world's records, I think it is businesslike for him to tell the public about it in any way he may choose as long as he sticks to the truth. No matter what captions he uses, as long as it is the truth, it is good advertising. He may use "The World's Greatest",

(Continued on page 52.)

The Erie County Breeders' Sale

When the Breeders Meet at Buffalo

PINE GROVE FARMS
R. E. CHAPIN & SONS
J. C. WEIL
J. T. SHANAHAN
DOLD BROS.
DR. TILLOU

AND OTHERS

Will Offer a High Class Sale of

75 QUALITY HOLSTEINS

January 31, 1919

Come to the meeting on the two previous days and stay for the sale.

ALL OVER 6 MONTHS TUBERCULIN TESTED

Under Management of **Liverpool Sale & Pedigree Co.** LIVERPOOL N. Y.

The Northeastern Breeders' Ass'n of Pennsylvania

Will Hold A Sale on January 23, 1919

At Middletown, Pa.—9 miles from Harrisburg, Pa.

A number of the leading breeders have combined in making this a high class sale, offering some of their very best.

Middletown is but 9 miles from Harrisburg and is easily reached by trolley and on main line of Penn. R. R.

Coming at the time of the meeting of the Penn. Holstein breeders it affords a splendid opportunity to attend the sale and meeting all in one. Mr. Geo. Baxter will do the selling. Catalogs can be had from

EUGENE B. BENNETT **Hotel Columbus, Harrisburg, Pa.**

30-lb. Cows **30-lb. Bulls**

at

Michigan Agricultural College

EAST LANSING, MICH.

Thursday A. M., Feb. 6, 1919

The Central Michigan Holstein Breeders Sell

40 HEAD

Guarantee them breeders if of breeding age and give the 60-day tuberculin retest privilege. We have cattle to sell each year and are bound to make our customers satisfied.

OUR OFFERINGS

A 32-lb. cow due in April to the service of a 32-lb. son of King Segis Pontiac Alcartra, the $50,000 bull.
A 25-lb. Jr. 3-year-old due in April by same sire.
A 30.18-lb. cow (now on 30-day test giving over 100 lbs. milk daily) that has a 23.6-lb. 2-year-old and a 24.4-lb. 3-year-old daughter and she will be bred to a 35-lb. grandson of King Segis.
A 25.6-lb. cow, her 22-lb. and 26.9-lb. daughters and a daughter each of these daughters. All bred to the 35-lb. bull.
A 27.3-lb. cow, her daughter and granddaughter, all bred to the 35-lb. bull.
A 20-lb. 2-year-old and her daughter in calf to the 32-lb. son of K. S. P. Alcartra.

These cows are individually equal to their records and breeding. The balance of females make 32 lb. cows and the rest heifers mostly bred. All females are of good type and bred to good bulls.

OUR BULLS ARE TWO

One son of a 29.91-lb. 4-year-old granddaughter of Sir Korndyke Pontiac Artis, sired by the 32-lb. son of K. S. P. Alcartra. This bull's dam looks like a sure 30-lb. cow.
A son of a 30.18-lb. cow (on 30-day test now) that has a 23.6-lb. 2-year and a 24.4-lb. 3-year-old daughter. The dam is also in the sale. The bull's sire is a son of the 32-lb. son of K. S. P. Alcartra from a 31-lb. daughter of a 31-lb. cow.
Both bulls are good individuals. For catalog address

CHAS. A. DANIELS, Sale Manager
OKEMOS, MICH.

Meadow Lane Holsteins

Strong in Yearly Records

Among our good cows we have **The World's Record 30 day 3½-Year-Old Woodcrest Ina De Kol 4th, 1815.29**

	Milk	Butter
At 2 yr. 7 mo. 15 da.		
7 days	508.5	23.83
30 days	2132.8	98.99
60 days	4178.4	191.07
7 days, 8 mos after calving	275.6	13.37
305 days	13951.8	636.35
At 3 yr. 9 mo. 19 da.		
7 days	618.0	34.55
30 days	2599.4	143.97
(World's record) 279 days	15642.4	745.25

The dam of this cow has three A. R. O. daughters including a 24.62 lb. 4-year-old with 809 lb. butter and 19043 lb. milk as a 2-year-old. The other daughter has 18.12 butter as a 2-year-old.

The sire of this cow is Pietje 22d Son who has a long list of A. R. O. daughters including some very good ones.

We have two daughters of this cow, one by King Walker, the other by Sir Korndyke Bess. Both these bulls have a good list of A. R. O. daughters and more to come.

Have for sale several young bulls among them one ready for light service.

Come and see our herd.

AITKEN BROS.
Waukesha, Wis.

Fred E. Klussendorf, Mgr.

45 CHOICE A. R. O. FEMALES 45

On account of poor health I offer for sale my whole herd of choicely bred females. They are large, straight individuals and are backed by some of the best families and by large A. R. O. milk and butter records. 23 of them are daughters of our great herd sire, King Korndyke Veeman, whose two nearest dams average over 37 lbs. butter in 7 days, and who is a son of the great King Korndyke Sadie Vale. Herd has always been free from tuberculosis and contagious abortion. Never had an animal to react in test. A rare opportunity to buy the results of many years of careful breeding. Come and see them.

WISCONSIN STAR STOCK FARMS *Edwin M. Schultz* **Hartford, Wis.**

Announcement Concerning

THE E. M. HASTINGS COMPANY

To My Holstein Friends, Present and Prospective:

Last spring when preparing for overseas service I prevailed on my long-time co-worker, M. S. Prescott, to take over the sale and pedigree business of the E. M. Hastings Company during the period of my absence. In consenting to do this Mr. Prescott not only rendered me a substantial personal favor but undertook the performance of a valuable service to the great body of Holstein breeders who for years have been depending on this concern to give them the best in pedigrees and sale management.

During the season that has since passed, Mr. Prescott, notwithstanding the demands upon his time as editor of the Record and later of the WORLD, has continued without interruption the business of the Company, and this in the absence of every one of the five men formerly on the active force in this department, all of whom had left to engage in some branch of the service. Now, upon my return after an absence of nearly eight months, he has turned over to me an organization that gives every promise of being well able to maintain the long-established standards of the house.

We are commencing the New Year stronger in personnel than earlier in the season. A half-dozen members of our present staff have each had some years of Holstein office experience. As in the past it will be our policy to guarantee quality service.

ARE YOU EXPECTING TO OFFER YOUR CATTLE IN A PUBLIC SALE? In public sale management, experience counts. The sale of a splendid herd, representing, perhaps, the best efforts of a life-time of hard work and careful planning, demands special study, expert publicity service and conscientious handling in every detail to insure the attendance of buyers prepared to pay for the quality offered. Your sale, if entrusted to the E. M. Hastings Company, will have my personal attention, and you can be sure of the kind of management that for years has won favor with the best buyers and that has resulted in prices satisfactory to the seller and often exceeding his expectations.

The winning of the war gives us every reason to expect better times ahead in the Holstein industry. Therefore, with the greater confidence, I can wish you all a successful 1919—and to the extent that you require service of the kind that this concern can render, I shall be glad to help make this wish come true.

Very truly yours,

E. M. HASTINGS.

Lacona, N. Y., Jan. 6, 1919.

I MUST SELL ALL MY STOCK

My entire herd of PUREBRED, REGISTERED, HOLSTEIN-FRIESIANS and will consign every animal I own to

The Erie County Breeders' Sale

January 31, 1919

The day following the meeting of the New York State Dairymen.

Sale will be held at the CRANDALL BARNS, EAST BUFFALO, N. Y.

My cattle will surely please you in every way and include

16 GRANDLY BRED, BIG PRODUCING COWS AND HEIFERS

all young, handsomely marked and light colored, many of them prize winners, nearly all soon due to freshen by my splendid three-year-old show bull and herd sire

SUPERBA RAG APPLE KORNDYKE, a 30-lb. Son of Rag Apple Korndyke 8th

He is by that mighty sire and from the grand cow, Fairview Jessie Korndyke, 30.9 lb. butter in seven days, one of the handsomest, biggest and best daughters of that grand old bull Pontiac Korndyke. This bull is to be sold and all his daughters in my herd,

Eight Granddaughters of Rag Apple Korndyke 8th

all by this splendid 30 lb. son of "The Greatest Bull in the World." Their size, development and color markings are bound to please you. They are the real goods and every one is a show heifer. You can buy this bull and not only see but BUY his daughters and some of these splendid young dairy cows bred to him. My herd is clean, healthy and will be tuberculin tested by an approved New York State Veterinarian and all papers will be furnished.

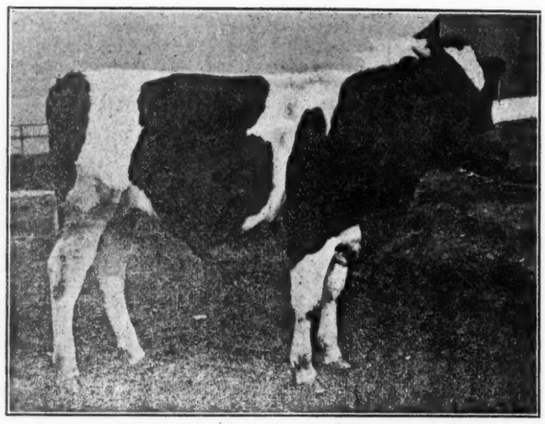
THIS is the first opportunity you have ever had to buy a 30 lb son of the great Rag Apple Korndyke 8th, eight of his daughters and an entire herd bred to him.

The Liverpool Sale & Pedigree Company of Liverpool, N. Y., will manage the sale, write them TODAY for catalog and be sure to attend.

GEO. D. RYDER **Cuba, N. Y.**

THIS IS THE BULL

NORTH COUNTRY DUTCHLAND LAD



SIRED BY A SON OF

ADMIRAL WALKER PIETERTJE

A Matchless Individual Son

YOU will wonder at this—but I can tell you NOW who will buy this bull.

Of course I do not know his name but—

It will be someone whose foresight and sound judgment tells him that only by the use of a sire of the quality of North Country Dutchland Lad can he reach the topmost position as a breeder of high producing Holstein-Friesian cattle.

Just so sure as there is a youngster of the breed today that will do this—I verily believe it is this son of one of the greatest producing heifers it has ever been my good fortune to see.

And when such a heifer, herself a very beautiful thing, is crossed with a sire, individually fit to grace the tan bark of any show ring, you just naturally expect to get all the good things you find in North Country Dutchland Lad.

A BULL—every inch of him—and ready for light service.

Straight—no straighter bull ever lived—deep through the heart with a super abundance of capacity and cast in a mould absolutely perfect. He simply had to come that way.

His wonderful dam has had two calves, first as a senior yearling and again as a senior 2-yr-old.

With her first freshening she made 17.30-lb. butter and tested over 4% fat.

And again as a 2-yr-old she made 31.07-lb. butter and tested over 4% fat for seven days and for 30 days made over 115-lb. butter and continued to test over 4% fat.

Furthermore she is a twin sister to North Country Ladoga Dutchland Alice that made over 26-lb. as a senior 2-yr-old.

She is sired by Dutchland Sir Pietertje Ladoga, a son of Dutchland Sir Pietertje Hengerveld, a son of old Changeling.

Admiral Walker Butter Boy—a young bull himself, is his sire and individually the best son ever sired by Admiral Walker Pietertje, now with five 30-lb. daughters.

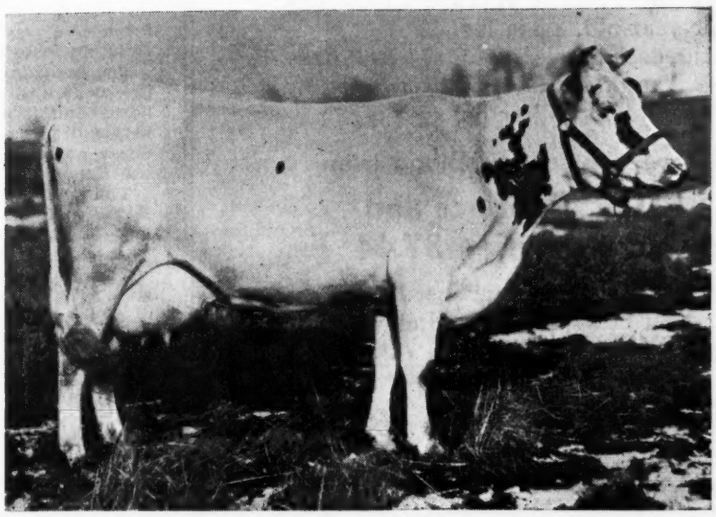
I have refused many tempting offers for this fellow but I have concluded to let the judgment of one good judge in competition with another determine just the value of such a bull to the Holstein industry.

HE IS TO BE SOLD IN PUBLIC SALE.

NORTH COUNTRY FARMS

and HERE'S HIS DAM

NORTH COUNTRY DUTCHLAND ALICE



A 31-LB. 2 YR. OLD TWIN

# of The World Champion Twin

— IN THE —

Fourteenth Consignment Sale

Liverpool, N. Y., January 21, 1919

TOGETHER WITH SEVERAL OF HIS SISTERS AND A NUMBER OF OTHER RICHLY BRED COWS AND HEIFERS FROM NORTH COUNTRY FARMS MANY OF WHICH ARE IN CALF TO THE ONLY SON OF KORNDYKE WINONA, THE 42-LB. $16,000 DAUGHTER OF OLD PONTIAC KORNDYKE

If you want to head your herd with a sire in which you can place every confidence in the world knowing full well he will sire for you animals that will be right individually and at the same time producers far above the average of today—come to the sale with your mind fully made up to own North Country Dutchland Lad or if you feel he will bring a little more than you want to invest—bring a neighbor and together acquire a youngster that will more than pay for himself with his first crop of calves, and

Some day I KNOW you will own a son of something more than a 31-lb. 2-yr-old. North Country Dutchland Alice is now at North Country Farms, safely in calf and due in the early spring. She has already given us some indication of what we might reasonably expect from her at maturity.

IF YOU OVERLOOK THIS FELLOW YOU WILL MISS THE OPPORTUNITY OF A LIFE TIME. Don't do it—you cannot afford it at the price he will bring.

G. N. SMITH, Owner **Watertown, N. Y.**

THE BREED'S BEST BULL

King Netherland Segis Konigen

HE is a son of the Present World's Champion junior four-year-old, 43.59 lbs.
HIS DAM is the daughter of the Only Bull having a 43-lb. daughter and a 40-lb. full sister.
HIS SIRE is a son of a 40-lb. cow.

He Gets 50 per cent of His Blood from

King of the Pontiacs and Diona Konigen Pietertje, 37.44 lbs.

YOU can get his blood in your herd only by breeding your best cows to him. Had you not better arrange for service? Write

H. B. AYERS

7130 Meade Street Pittsburgh, Pa

35 Registered Holsteins at Auction 35

Having sold my farm, will sell at auction at the farm at

LaGrange, Ohio, on Jan. 22, 1919

my entire herd. This herd was established in 1881 and contains a larger per cent of Pontiac breeding than was ever offered at auction in Ohio. There will be 20 daughters of King of the Pontiacs, 5 daughters of Pontiac Korndyke, 8 cows sired by a brother of Segis Fayne Johanna, the World's Record 50-lb. cow.

The herd sire, King Pontiac May Pietertje No. 154065, a son of King of the Pontiacs from a daughter of King Segis Pontiac and her dam a daughter of King of the Pontiacs, giving him two crosses of King of the Pontiacs. He is 82½ per cent same blood of K. P. Pontiac Lass, the first 44-lb. cow. He is also 75 per cent same blood as the John Arfmann $50,000.00 bull, King Segis Pontiac Alcartra.

He is 4 years old, sound, right and gentle and a sure stock getter and nearly all white.

The daughters of King Pontiac May Pietertje that are old enough are being bred to a son of Rag Apple Korndyke 8th. The calves from this cross will have 7 crosses of Pontiac Korndyke and 2 crosses of King of the Pontiacs.

Sale will be held inside. LaGrange is on Big 4 R. R., 30 miles south of Cleveland. Catalogs now ready and will be mailed on request. Trains met on day of sale.

FLOYD M. PELTON
La Grange, Lorain Co., Ohio.

COL. C. E. BAYLOR, Auctioneer
F. G. JOHNSTON, Manager

PINE GROVE CONSIGNMENT

You. Mr. Editor and your readers know that I believe in community breeding, that is, for the breeders in any one district to decide upon the breed they like the best and that they think will pay them to stick to and then all hanging together and developing that breed to the utmost. My preference, of course, would be for the Holstein Friesian breed of cattle.

The breeders of Erie County include the owners of a number of high class herds and it is with a great deal of personal pleasure that I consign a dozen splendid animals to the sale of the Erie County Holstein Breeders.

This sale will be held at East Buffalo, N. Y., on January 31st., the day following the meeting of the New York State Dairymen's Association.

The Pine Grove consignment consists of a 30-lb son of Rag Apple Korndyke 8th, a 32-lb cow, two of her daughters, one by The Mighty Monarch, three splendid daughters of Rag Apple Korndyke 8th bred to Rag Apple the Great "The World Wonder Bull", and several sweet young things bred to Rag Apple Korndyke 8th.

I will not now trespass on your time and space to say more about these animals, for I could fill pages on each one and not say all the good things I know about them but before sale day I may have something to say, but I wish you would firmly impress one fact on your readers and that is "My personal guarantee and the binding guarantee of Pine Grove Farms goes with each and every animal from this herd —'Every animal a breeder and every animal as represented or your money refunded' ".

Oliver Cabana Jr

A DAIRY COUNCIL FOR CALIFORNIA

The dairy industry in California is getting together to organize a dairy council which will be representative of every phase of the industry. This organization will probably take the same form as those in Minnesota and Iowa, which form has also been adopted by the National Dairy Council with which the State councils will be affiliated.

First Doughboy—What do you suppose is the reason that Napoleon is always pictured as having his hand inside the breast of his coat?

Second Ditto—Why, you boob, it is because he was always scratching a cootie.

PEDIGREES

4 generation, 3 copies $1.00
5 generation, 3 copies $1.75
Loose-leaf, 3 copies $0.75

These prices are for strictly up-to-date pedigrees, in two colors and contain all the facts regarding the animal.

We also furnish "B-B" Herd Registers, certificate envelopes, in fact all kinds of office forms for the up-to-date Holstein man.

Try us PLEASE.

SALE CATALOGS

A complete sale catalog at only $3.00 per page and we furnish 500 copies, all records strictly up-to-date. We make 50 sale catalog pedigrees per day. Samples on request.

Don't delay if you are planning on holding a sale—because it is sometimes necessary to turn away work.

Write us today.

BACKUS BROS. PEDIGREE CO. **MEXICO, N. Y.**

IN THE DEC. 28 ISSUE

We told you that we were going to sell our herd of 150 Holsteins, and if possible our farms. This is an ideal proposition for anyone wishing to take up the breeding of good Holsteins on a large scale. There are so many advantages to be gained thru your buying this herd and farm that I hesitate to begin their enumeration I trust I may be pardoned if I call to your attention the fact that no other herd in all America has continuously ever since our system of official records began, stood always in a like position of prestige.

Here is a goodwill built upon a lifetime of earnest and successful effort that is of inestimable value to any breeder or prospective breeder of Holsteins.

The farm is well located and in a high state of fertility, two main sets of farm buildings with running spring water in both houses and all stables. Four other good tenant houses two of them double houses. The residence, a large well built 20 room house with running hot and cold water. Hot water heat and modern improvements.

We have a good cream trade with a New York consumer and a permit to ship Grade A raw cream. This has for some years proven very satisfactory leaving the skim milk on the farm and averaging to pay for the cream more than the milk would have brought at the station.

The Herd as You Know is Headed by Spring Farm King Pontiac 6th, Assisted by Aristocrat Pontiac

There are over 60 of the 6th's daughters in the herd more than half of them are from cows with records from over 25 lb. to nearly 35 lb. in a week, twenty odd are from year tested dams and only three are from untested dams.

It is with feelings of real sorrow that I contemplate selling the herd at all and I would much rather see it sold entire to be so continued than to see it scattered at auction.

Here is a wonderful opportunity for someone to step into an established business at a below inventory cost.

Henry Stevens & Son

LACONA, N. Y.

Home of Spring Farm King Pontiac 6th. The bull that puts degree in pedigree.

(Continued from page 44.)
"The Greatest Cow in the World" or "The Greatest Bull in the World" so long as his statements are truthful.

Don't overlook the fact that there can only be but one world's record in their respective classes. Let those that make them "holler" when they make them and don't allow any of these wise advertising experts advise you not to use the strongest sort of language that is in keeping with the facts. There have been cases where a man has written his advertising in his own way and attracted greater attention and got greater results than some of the experts' ways. Advertising that gets results is good advertising even if it does not just suit all advertising critics.

Fred F. Field
Dutchland Farms.

January 2, 1919.

OVER $500 FOR THE RED CROSS

At a Holstein sale held by Jenness Dearborn of Suncook, N. H. last fall a beautiful daughter of "The Prince" was donated by Mr. Dearborn and sold for the benefit of the Red Cross. A fund of $281.00 was raised through contributions ranging from $1.00 to $10.00 each and then the calf was sold for $255.00 to F. E. Cutting & Son, East Weare, N. H., making the total amount raised for the Red Cross $536.00.

The animal was registered as Red Cross Princess De Kol and Mr. Cutting writes that she is developing into a splendid heifer. During the sale of this calf, S. F. Campbell of Windham, N. H., offered a free service to Naiad Rag Apple King, the $10,000.00 son of Rag Apple Korndyke 8th and the former World's Champion two-year-old, offering $300.00 for the resulting calf should it be a heifer. J. W. Prentiss of Alstead, N. H., offered the service of his sire, a son of King Korndyke Sadie Vale with $250.00 for the calf if a heifer and $100.00 if a bull.

The accompanying picture shows the principals in the transaction.

IDAHO DEMANDS HOLSTEINS

From reports and the present demands for purebred and high grade Holsteins, Idaho promises to take a prominent place in the dairy world. Farmers in the vicinity of Pocatello, McCammon and Oakley are turning their attention to dairying and are not content to start by building up their herds with purebred bulls upon their native stock, but are buying well bred high grades and purebreds from the more progressive breeders in the prominent dairy state, Wisconsin. The breeders of our best Holsteins in Wisconsin have spent years building up their dairy herds the coming dairymen of Idaho are beginning at the point reached by these progressive breeders and promise to keep pace with them.

Orders were placed recently with the farm bureaus for several carloads by the farmers in southern Idaho.

(Continued on page 57.)

A Bull For Sale That Combines Both Breeding and Individuality

Forsgate Model Segis Lad No. 244708 Born April 19, 1918

Who is a son of a 30-lb. bull and a cow that made 989.72 lbs. butter from 22756 lbs. milk in one year, and 26.47 lbs. butter from 616.30 lbs. milk in 7 days.

His sire's two nearest dams averaged 30.49 lbs. butter. His sire is from a 30-lb. daughter of a 31-lb. cow and by a 26-lb. son of the great King Segis who is grandsire of the only 50-lb. cow and 46-lb. heifer.

Vinita Anne Segis, dam of Forsgate Model Segis Lad is by a 25-lb. son of King Segis. She also has a 31-lb. sister. Remember the dam of Model Segis Lad has nearly 1000 lbs. butter in a year and his three nearest dams average nearly 29 lbs. of butter in 7 days. Just think—this bull carries two crosses of King Segis. This is your chance to buy a son of Model Darius Glista for $500.00 f. o. b. Jamesburg, N. J.

He is a show bull, evenly marked and ready for light service. Write for pedigree and photograph.

FORSGATE FARMS **Jamesburg, N. J.**

Slaughter !

Not of bulls but of prices on sons of

King Korndyke Pontiac Lass

No. 115585

The only sire in the west with a 44-lb. dam and a 37-lb. daughter. Most of these young bulls are from daughters of Colonel Beets Segis No. 51507, a 30-lb. son of King Segis. They range in age from one month to one year. Write your wants.

IOWA BELLE HERD

C. S. Mulks Riceville, Ia.

The Opportunity You Are Waiting For

PINE GROVE FARMS Consign to

The Erie County Breeders' Sale

a dozen choice animals, ones that will make a lot of money for their purchasers. You will surely like them, they have the breeding, class and individuality.
Just look over this wonderful list:

The great 32 lb. cow, Soldene Hengerveld Butter Girl, a beauty and then bred to that famous sire, Rag Apple Korndyke 8th, "The Greatest Bull in the World."

A daughter of this grand cow bred to "The World Wonder Bull", Rag Apple the Great.

A beautiful heifer from the 32 lb. cow by The Mighty Monarch. Don't let this little gem get away from you.

Two corking daughters of Rag Apple Korndyke 8th. Bred to Rag Apple the Great. What will their calves be worth?

A daughter of King Segis Pontiac Konigen, the $35,000.00 Field herd sire, bred to Rag Apple the Great.

A beautiful light colored daughter of King Pontiac Konigen, the only living sire with two heifer daughters averaging over 40 lb. Bred to the ONLY 50 lb. bull, Rag Apple the Great, only son of the World's Champion cow.

Then there's a daughter of Rag Apple Korndyke 8th bred to the 39 lb. bull King Rag Apple Hopeful.

And then the BULL—Uneeda Rag Apple, son of Rag Apple Korndyke 8th, from a 30.73 lb. cow. Built like an artist's model, colored just right, ready for service right now, and a crackerjack in every possible way.

Why the man who buys him gets a paying gold mine!

Sale will be at the Crandall Barns, East Buffalo, N. Y., on January 31, 1919

the day following the meeting of the New York State Dairymen's Association. Attend both, have a good time and pick up some of these beautiful moneymakers.

Just drop us a line and we will see that the managers reserve a catalog for you. BE SURE AND COME.

Oliver Cabana, Jr. **Pine Grove Farms** **Elma, N. Y.**

Green's Special To Owners Of 30 Pound Cows

Here's your greatest opportunity to breed them to the best bull in the world, RAG APPLE MATA 126675.

We call him the best bull in the world, and who dares to challenge his right to be so called? For he is sired by Rag Apple Korndyke 8th, advertised as the "greatest bull in the world," and his dam is Fairview Korndyke Mata, who is considered the greatest cow of the breed.

First, because she is a faultless individual.

Second, because she is the dairy queen for 30-day production, with 185.37 lbs. of butter from 3216.6 lbs. of milk.

Third, because she has a 7-day butter record of 47.11 lbs. from 801.5 lbs. of milk, which makes her world's champion for combined milk and butter.

Fourth, because she is the highest record daughter of Pontiac Korndyke, who is the only century sire to have two 40-lb. daughters, and a century son (King of the Pontiacs) that has three 40-lb. daughters.

Last, but not least, she is owned by Pine Grove Farms, and her owners feel confident that she will make over 50 lbs. of butter and 1000 lbs. of milk in 7 days at her next lactation period. Enough said!

We are going to invite you to send your 30-lb. cows to Walnut Crest Farms and have them bred to Rag Apple Mata. We will breed them and feed and care for them without cost to you for an undivided one-half interest in the offspring, or, if you care to dispose of them after they are with calf to Rag Apple Mata we will sell them at our next annual sale, May 22 and 23, 1919, without expense to you, and pay you one-half of whatever they sell for. They should bring from $3000 to $5000 each, if they are good individuals and have good breeding. We do not think there is a possibility for you to make more money with your 30-lb. cows than to let us handle them as outlined above.

We want to breed one hundred 30-lb. cows to this great bull just as soon as possible. Now is your opportunity to get the most value from your 30-lb. cows.

If interested write us today for further particulars.

WALNUT CREST FARMS

A. W. GREEN, Prop.

R. R. Sta., E. Orwell, O. **P. O. Middlefield, O.**

(Continued from page 22.)

Korndyke Pontiac, made 33.11 pounds butter in seven days. Francy is the dam of Francy 3rd with 29.15 pounds, Francy 4th with 28.92 pounds and granddam of Jenny Bonerges Ormsby with 33.01 pounds. Francy Belle Wayne with 29.20 pounds and Francy Bonerges Ormsby with 29.10 pounds.

Rauwerd Count De Kol Lady Pauline, with a record of 30.47 pounds butter in seven days and 29017 pounds milk and 1132.50 pounds butter in a year, bids fair to rank with the great family founders, her daughter, De Kol Mutual Countess, making in a year 20679 pounds milk and 867.50 pounds butter at three years. Another of her daughters, Hill-Crest King Pontiac Rauwerd, made at three years 34.04 pounds butter in seven days, and a granddaughter, Hill-Crest King Pontiac Countess, made 27.77 pounds at three years.

Perhaps in days to come Pietertje Abbekerk De Kol will be credited with founding a great Canadian family, for she has already produced two daughters entitled to rank as world's champions. Mildred Pietertje Abbekerk as a senior four-year-old holds all world's records for milk for seven and thirty days, while Het Lee Pietertje is world's champion two-year-old butter producer for seven, thirty and sixty days in the junior two-year-old class.

In spite of the fact that our dairy farmers have been badly handicapped by scarcity of labor, high prices of feed and other war-time conditions, the Holstein-Friesian breed is making extraordinary progress in Canada, as well as in the United States and Great Britain. As in the United States, our registrations now outnumber those of all the other dairy breeds combined, and the number of transfers is in similar proportion. The following figures for 1917 show very clearly the manner in which the Black and Whites are drawing away from their competitors in Canada:

	Registrations	Transfers
Holstein-Friesians	12,019	10,656
Ayrshires	4,368	3,205
Jerseys	1,703	1,151
Guernseys	183	55
French-Canadians	327	190

The following figures for the past three years will show the steady gain in the business of the Association in

(Continued on page 58.)

Senior Sire

King Pontiac Dione

He is sired by King Segis Pontiac, the well known sire of high priced bulls and whose dam was the first 37-lb. cow, Pontiac Clothilde De Kol 2d.

His dam, Pontiac Diona, is one of the highest yearly record daughters of the great Hengerveld De Kol.

King Pontiac Dione is an extra good individual. This can also be said of his daughters and they are making good records, both short and long time.

WAKEFIELD FARM

GEO. E. VAN HAGEN, Owner

Our herd numbers over 155 head and contains animals with the best of breeding. The herd contains a large number of daughters of our two well bred sons.

We can offer you sons of King Segis Pontiac Chicago, out of daughters of King Pontiac Dione, also sons of King Pontiac Dione from high record dams.

We will be glad to hear from you.

A. N. DUNLOP, Supt.

Barrington Illinois

Junior Sire

King Segis Pontiac Chicago

The $20,000 Bull

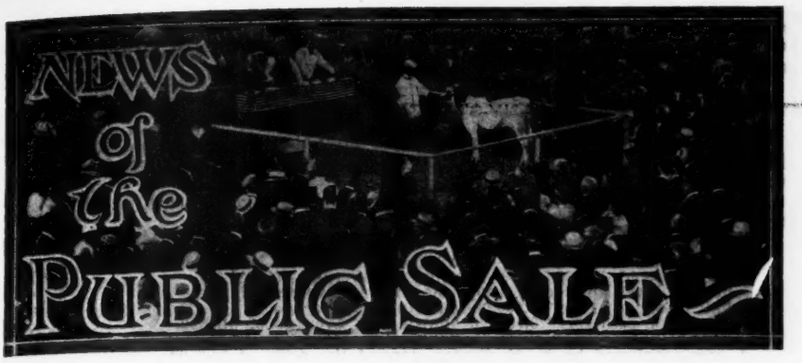
This highly prized young bull is also sired by King Segis Pontiac. His dam is Johanna De Kol Van Beers, the former world's champion.

The two nearest dams of this bull average:

7 days—38.64 lbs. butter; 654.7 lbs. milk.

30 days—148.34 lbs. butter; 2676.3 lbs. milk.

His splendid individuality is transmitted in a marked degree to his offspring.



January 13, 1919—Rocky Ford, Colo., J. W. Scofield Dispersion Sale.
January 20-21, 1919—Liverpool, N. Y. Liverpool Sale & Pedigree Co.'s Fourteenth Consignment Sale.
January 22, 1919—La Grange, Ohio, Dispersal, F. M. Pelton Herd.
January 28, 1919—Woodstock, Ill., Frank White & Son Dispersion Sale.
January 29, 1919—Evansville, Wis., Second Semi-annual Tri-County Breeders Sale, F. B. Green, Sec'y.
January 30, 1919—Granville, N. Y. Dispersal. Albert Brayer Herd.
January 31, 1919—East Buffalo, N. Y., Erie County Breeders' Sale.
February 4-5, 1919—Brattleboro, Vt., Purebred Live Stock Sales Co.
February 6, 1919—East Lansing, Mich., A. E. Jenkins, Mgr.
February 11, 1919—South Omaha, Nebr. Nebraska Breeders' Consignment Sale, Dwight Williams, Mgr.
February 12, 1919—Hinckley, Ill., Dispersal M. R. Evans Herd.
February 12-13, 1919—Leavenworth Consignment Sale, W. H. Mott, Mgr., Herington, Kans.
February 15, 1919—Downs, Kans., W. H. Boughner.
February 19, 1919—Clear Spring Farm, Myerstown, Pa., Marvin H. Bennetch Dispersal.
February 28, 1919—Newmanstown, Pa., Dispersal sale Joseph H. Witter Herd.
March 12, 1919—Abilene, Kansas. E. S. Engle & Son 7th Public Sale. 110 head.
March 14, 1919—Plymouth, Wis., Dispersal Sale, G. V. Buelke.
March 19-20, 1919—Syracuse, N. Y. Backus Bros., Consignment Sale.
March 25, 1919—Topeka, Kans., Kansas Breeders' Annual Sale, W. H. Mott, Mgr., Herington, Kans.
March 26, 1919—Topeka, Kans., A. B. Wilcox & Son.
April 1-2, 1919—Brattleboro, Vt., Purebred Live Stock Sales Co.
April 2-3, 1919—Watertown, Wis., Watertown Holstein Sales Co., Semi-Annual Sale, Francis Darcey, Sec'y.
April 7, 1919—Bartlett, Ill., Oak Glen Farms.
April 30, 1919—Lisle, Ill., DuPage County Breeders.
May 8-9, 1919—Waukesha, (Wis.) County Holstein-Friesian Breeders Association.
June 5-6-7, 1919—Philadelphia, Pa., Moyer National Sale, H. A. Moyer, Director.
June 12, 1919—Poughkeepsie, N. Y., J. B. Sission's Sons.

Write the World about your coming sale, and we will gladly list it in this column without charge. It is a line of publicity that is closely followed by readers of the World. We wish to have it as complete as possible for their benefit, while incidentally you are the greatest beneficiary. Claim your dates and get organized early.

THE MOORE DISPERSAL

Friday, January 31, has been selected for the dispersal of the herd of M. E. Moore & Co., at Cameron, Mo. It will be remembered this herd came into prominence at the St. Louis World Fair when the great cow Shadybrook Gerben won the 120-day milk test in competition with all breeds and for the past 38 years this same farm has bred for type, conformation and production. It is today the only herd in existence containing direct descendants of Shadybrook Gerben, through the female line. Of the fifty members of the herd, ten are A. R. O. cows. This is a dispersal of one of the very oldest herds in existence and breeders in the West and middle west should welcome an opportunity of this sort to replenish their breeding herds with stock that has made good for generations.

THE MOYER SALE

If we are to judge the second of the Moyer series by the entries that have been brought to our attention, we are quite safe in predicting an unusual treat for Holstein buyers next month. While this is early to mention individuals we can say that when the list is made up you will find more than one you would like to own. One lot in particular is the cream of a herd that is known from coast to coast. When the charts of this particular lot are arranged, it will be found they have a greater number of high record dams than was ever before listed in a similar number of animals from any establishment in the world. Truly a treat is in store for those who want really high class Holsteins.

THE LIVERPOOL SALE

Although from present indications it will be necessary to cut the fourteenth consignment sale of the Liverpool Sale and Pedigree Co. to one day, they have been fortunate in maintaining a very high average quality throughout the consignments and among the late entries is that of Aaggie Meadowview Queen with a record of 680-lb. milk and 32.61 lb. butter with her best day's production over 100 lbs. She is a granddaughter of Hengerveld De Kol. Another top notcher is the remarkably bred young bull, North Country Dutchland Lad, sired by a son of Admiral Walker Pietertje from North Country Dutchland Alice, with a senior 2-year-old record of over 31 lbs. and with her sister the world champion twin, their records averaging over 28 lbs. as two-year-olds. A very large number of the offerings have been bred to sons of 40-lb. cows while one consignment in particular is for the greater part in calf to a 39-lb.

Don't Keep and Feed A Barren Cow

But Make Her Breed by a Thorough Treatment with

Hood Farm Breeding Powder

Success is Practically Certain.

Hood Farm Breeding Powder is really

A MARVELLOUS PREPARATION.

It restores the reproductive functions.

It corrects the irregularity of cows and heifers that do not come in season.

It removes the irritation and restores the organs to normal condition in cows that are constantly in season.

It is antiseptic, soothing and healing.

It does NOT harm a cow or heifer.

It does NOT cause straining.

It is easily procured, easily administered,

AND ECONOMICAL.

Order today, mentioning this paper.

Prices, prepaid, $1.15, $2.75 and $5. Flexible Injection Tube, by mail, 90c. Mammoth size Breeding Powder and Tube, prepaid, $5.75.

C. I. HOOD CO., Lowell, Mass.

STOP LOSING CALVES

You can **Stamp Abortion Out** OF YOUR HERD and **Keep It Out**

By the use of DR. DAVID ROBERTS' **"ANTI-ABORTION"**

Small Expense. Easily Applied. Sure Results. Used successfully for 30 years. Consult DR. DAVID ROBERTS about all animal ailments. Information free. Send for FREE copy of "The Cattle Specialist" with full information on Abortion in Cows.

DR. DAVID ROBERTS VETERINARY CO.
135 GRAND AVE., WAUKESHA, WIS.

A. R. O. Cows For Sale

Some fresh and some soon due. Have a few with defective udders. Must sell as I haven't fodder to carry them through. Priced very low. A chance for the new beginner. Cash or time payment.

Box B.
Holstein-Friesian World

SONS OF KING MODEL

No. 1 born February 12, 1918. Dam a granddaughter of Hengerveld De Kol.

No. 2 born May 13, 1918. Dam a granddaughter of Judge Segis.

They are both well grown and mostly white in color. If interested write for prices and photos.

MERRICK PHILLIPS

Red Creek, N. Y.

DO YOU KNOW?

1—That King Walker Johanna Lad heads the Summit Farms herd of over 100 head of pure bred Holsteins?

2—That he is sired by the great King of the Black and Whites who was the first bull of the breed whose seven nearest dams averaged over 30 lbs. butter in 7 days?

3—That his dam is the best daughter of the famous Lottie Walker Spofford, the first cow in the U. S. to make four consecutive records above 30 lbs.?

4—That he is being bred to the elite of our herd including the 33-lb. junior 3-year-old Champion of New England?

5—That his daughters are a splendid lot, showing a constitution and individuality conforming with the ideal dairy type?

6—That we are offering several straight, handsome sons from A. R. O. dams that are ready or nearly ready for service at prices that are within the grasp of the average dairyman?

Prices and pedigrees furnished upon request.

Summit Lumber Co.

Davidson, Maine

FOR SALE

Grandson of Rag Apple Korndyke 8th and a 30.56 lb. (¾ udder) daughter of Colantha Johanna Lad. Dam of calf is a 17-lb. junior 2-yr-old.

J. T. TUPPER & SONS

Newfield New York

WANTED

The best bull calf (one to four months old) I can buy for $250 or $300 delivered to my station. He must be straight over the back and of Pontiac Korndyke breeding.

C. P. LYONS

Fenton, Mich.

son of Rag Apple Korndyke 8th. This sale will afford buyers a splendid opportunity to purchase clean healthy cattle, sold under a 60-day retest guarantee and carrying calves by sires of the very richest breeding.

ALLEGANY-STEUBEN BREEDERS' SALE

The Allegany-Steuben Breeders Club held its Annual Sale at the Hornell Fair Grounds Nov. 18-19, 1918. The sale was managed very satisfactorily by the Liverpool Sale & Pedigree Co.

Fresh cows or springers sold very well but the young cattle sold for less than they were really worth, especially yearling heifers.

The sales were as follows:

67 cows sold for $12,960.00, showing an average of $193.00.
45 heifers sold for $5,500.00, showing an average of $122.00.
7 heifer calves sold for $690.00, showing an average of $98.00.
9 bull calves sold for $1,830.00, showing an average of $203.00.
128 animals sold for $20,980.00, showing an average of $163.00.
A bull calf, consigned by C. S. Zeliff, topped the sale at $515.00.
A cow consigned by N. E. Coston, topped the cows at $435.00.
A heifer, consigned by R. E. Chapin & Son, topped the heifers at $350.00.
Four calves consigned by C. F. Davis topped the calves at $125.00.

At a dinner given by C. S. Zeliff to the Club it was voted to hold our next sale Nov. 12-13, 1919 and twelve men pledged five animals for the 1919 sale.

E. R. Crandall, Sec'y.

Andover, N. Y.

THE ELGIN BREEDERS' SALE

The public sale of the Elgin District Holstein Breeders held at St. Thomas, Ont., December 5, resulted in an average for 47 head of $162.00, the sale total being $7650.00. The females averaged $174.00 each. Prices as a whole were fairly satisfactory, although as in other sales this fall heifers sold low in proportion. The top price for the sale was $475.00 for the 3-year-old heifer, Forest Ridge Calamity 2d, consigned by L. H. Lipsit and purchased by E. S. Archibald of Ottawa.

Following is a list of the animals selling for $200.00 or over with names and addresses of purchasers:

Gertie Graham, H. Miller, Bridgeburg	$225
Tiny Shadeland Ormsby, Fred Carr, St. Thomas	200
Jewel Pontiac Korndyke, E. S. Archibald, Ottawa	310
Patricia of Rose Hill, Fred Carr, St. Thomas	390
Homestead Helbon Abbekerk, E. S. Archibald, Ottawa	325
Josie Ormsby De Kol, E. S. Archibald, Ottawa	235
Colantha Leilla De Kol, E. S. Archibald, Ottawa	240
Lena Colantha Wayne, C. Joiner, Lawrence Station	200
Silver Dorliska Princess, George Cross., So. Yarmouth	200
Forest Ridge Calamity 2d, E. S. Archibald, Ottawa	475

CENTRAL MICHIGAN BREEDERS' SALE

The Central Michigan breeders' sale is to be held at East Lansing, Mich., on Feb. 6th and it is planned to make it one of the best in the state. Approximately 40 head have been consigned from representative breeders whose herds are made up of the very best in Michigan.

Among the offerings will be a 32 lb. cow and her son; a 25 lb. 3 yr. old; another 30 lb. cow with over 100 lbs. milk in a day; a 25 lb. cow and her two daughters, one with over 26 lbs. and all of these in calf to a son of a 35 lb. cow.

In order to make the sale still more attractive the animals are sold subject to a 60-day retest guarantee, and all animals of breeding age are guaranteed breeders. That a very high average quality is being maintained is evidenced from the fact that but two males are to be offered and both of these are from dams with records above 29 lbs.

J. E. SCOFIELD DISPERSION SALE

On Jan. 13, 1919 on the home ranch, 5½ miles south of Rocky Ford, Colorado, will be held the dispersion sale of J. E. Scofield's herd, consisting of thirty-one head of high grade Holstein heifers coming three, bred, milkers and springers.

PENNSYLVANIA BREEDERS PLAN A SALE AND MEETING

The Pennsylvania Holstein Breeders Club plan to hold their annual meeting at Harrisburg on Jan. 22nd, which is the same week that the State Board of Agriculture meets. Plans will be taken up for the entertaining of the members of the National Association at Philadelphia next June. It is expected that President Aitken will be present and make an address. In view of the importance of this meeting, it is urged that every Pennsylvania Holstein breeder be present and bring with him at last one prospective member.

In order to make the meeting still more attractive, several breeders have joined in making a consignment sale on Jan. 23rd which will be held at Kieffer's Stables at Middletown, Pa., about 9 miles from Harrisburg and easily accessible by trolley every 15 minutes from Market Square or over the main line of the Pennsylvania.

Breeders who are privileged to attend this meeting will do well to inspect the herd of Geo. E. Stevenson at Clark's Summit. It will be remembered that this is the only naturally polled herd of Holsteins and contains many of the best producers of the breed, among them the world's Champion senior 4 yr. old in long time production. Owing to conditions over which Mr. Stevenson has no control, he is reducing his herd and many of the splendid members are being offered at private treaty. It is understood there are no limitations and every animal in the herd will be priced if desired.

January 22nd and 23rd should prove red letter days for the breeders in the state of Pennsylvania.

IN SERVICE

"A bull whose seven nearest dams are all above 30 lbs."

King Korndyke Sadie Vale Imperial

"The Complete Bull"

No Other Bull
of any breed, living or dead

Has Such Backing
for each and every one of his close dams.

Every One
regardless of age or time of freshening

Has Made 30 lbs.
His seven nearest dams

Average 34.80
Which is a

World's Record
The fee is

$150
For Approved cows.

Send for his pedigree.

Geo. H. Phelps

Vernon, N. Y.

(Continued from page 52.)

These farmers demanded nothing less than high grades bred to a good pure-bred bull and from cows that had a record in a cow-testing association, and must be Holsteins of good size and individuality.

The farm bureau agents got in touch with the Extension Department of the Wisconsin College of Agriculture and were told that they could secure just what they wanted in Wisconsin and at reasonable prices. To Wisconsin they came and located what they wanted in Richland County through the aid of the County Agent and the Cow Tester. They secured all the Holsteins they wanted in Richland County and took back with them one hundred and twelve (112) head of some of the best high grade and pure-bred Holsteins from the herds of members of the cow-testing association; they would have none other. Some of these animals were secured for full blooded American Indians who are awake to the possibilities of dairying in their native state.

The buyers were satisfied with their purchasers and said this shipment was the first to their section of the state and that the demand for dairy cattle is bound to increase. They were convinced Wisconsin had what Idaho wanted and would sure be back for more in the near future. Oklahoma. Louisiana, Georgia, Alabama, Arkansas, Missouri, Illinois, Minnesota and North Dakota are the states that have been recent buyers of Wisconsin's well bred dairy cattle that have been secured through the Extension Department of the College of Agriculture with the cooperation of the County Agents. Several thousand head of pure-bred and high-grade Wisconsin cattle have been sold the past year through this direct marketing method.

A. Abbott Brown.
Richland Center, Wis.

It has been estimated by government experts that there are now in this country 1,400,000 owners of passenger automobiles that cost at the time of original purchase $500 or less each, 760,000 owners who paid between $500 and $1000 for their cars; 1,219,000 in the $1000 to $2000 class, and 231,000 having cars of which the list price was between $2000 and $3000. There are also in use, of course, many thousands of cars that cost originally more than $3000. This is one auto for approximately every 27 persons.

By

King Lyons

From

Isabella Walker

We Are Offering

Hengerveld Walker Lyons

Born March 31, 1915

One-half white, a good individual. Weighs 2,000 lb. Easy to handle. Sires great calves. He is by King Lyons of Moyerdale Farm (9 30-lb. daughters) from Isabella Walker, a 21-lb. 3-year-old daughter of Isabella Hengerveld. 30.43 who is dam of Segis Isabella with over 34 lbs. His ten nearest dams average almost 30 lbs. Sold to avoid inbreeding.

Price $500

F. O. B. Andover, N. Y.

E. E. CLARKE

Andover, N. Y.

Great Peter

A son of a 42-lb. cow and full brother to two 42-lb. cows.

His sons carry 50 per cent of the same blood as the only 42-lb. 2-year-old.

SUSQUEHANNA FARMS

LEE KINNE, Owner

Hartwick Seminary **New York**

$300—A BARGAIN

Bull Calf born April 7, 1918—Ready for Service in 2 Mos.

More white than black

Perfectly Shaped — Well Grown

SIRE—A grandson of Colantha 4th's Johanna, 35.22 lb. and his dam 39.87 lb. Two nearest dams average 37.59 lbs.

DAM—A 21.53 lb. junior 2-year-old whose sire's daughters comprised a 31-lb. 4-year-old and a 26-lb. 4-year-old daughter, one 25-lb. three-year-old and six 20-lb. 2-year-old daughters.
The calf's pedigree is complete and well balanced.
A future is in store for his dam.

Pedigree, photo and particulars on request.

BLACRES

BENNETT & LATZER Wellsboro, Pa.

The Yates Farms

Home of

Rex Pontiac

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

King Valdessa Korndyke

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and grandam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these lines, address

The Yates Farms

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.

(Continued from page 54.)

registrations, transfers, new members and financial strength:

Year	Registrations	Transfers	New Members	Net Assets
1915	10,260	7,813	320	$18596.18
1916	11,053	9,544	294	20671.67
1917	12,019	10,656	382	24680.24

The end of 1918 will show probably 13,000 registrations for the year, with 400 or more new members and net assets of probably $28,000. By that date we shall have over 100,000 registrations, about 54% of which have been made in the past five years. This fact is pretty conclusive evidence that our breed is very much alive in Canada and that we have a great future before us. Our pedigree, official test and publicity work are all centralized at one office with an office staff of five people, which goes to show that our business is economically conducted.

W. A. Clemons.

CHENANGO COUNTY NOTES

The little town of North Norwich has staged quite a bit of testing for its size this winter as three different Supervisors of Tests have been here during one month putting records on three Holstein herds in this vicinity.

Whitman A. Follett tested two weeks beginning with Nov. 11. Among several creditable records, the best one perhaps was over 24 lb butter on a four-year-old daughter of Mr. Follett's senior herd sire, Prince Rag Apple Korndyke.

Frank Skinner was next to test in town and this was his first experience at official work. He secured several 19-lb. butter records in seven days.

C. G. Willcox was last on the list and the week after the 17th of December, a string of six were given records. This was also Mr. Willcox's initial experience with test cows and he made some creditable records considering the fact. On a two-year-old heifer of Mr. Skinners, Mr. Willcox secured nearly 20 lbs. of butter; on a full age cow of his own, over 24 lbs. The rest were junior two-year-olds and averaged nearly 15 lbs. each.

Testers have been ordered by Follett and Willcox for early in the new year.

A. B. Fay, buyer, of Earlville has been buying a carload of first-calf pure bred Holsteins in this vicinity to freshen this spring for shipment to Missouri.

SPRING FARM PONTIAC CORNUCOPIA Now Heads Wellsland Farm Herd

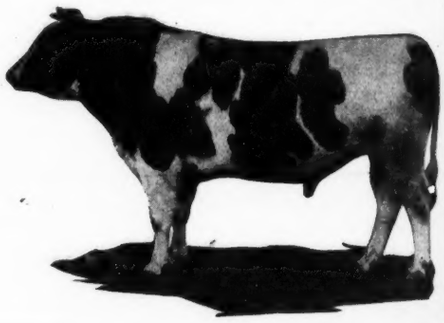
"The only bull with a 40-lb. dam and a 30-lb. 2-year-old daughter."

I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters, which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.



N. W. SALMON Glenfield, N. Y.

Friesland Farm

Offers the following young bulls, outstanding individuals, well grown, straight over the back, long and deep bodied and splendidly bred

Every One from a 30-lb. Dam

No 1 (Born January 1, 1918). Sired by Rag Apple Korndyke Boon, a promising son of Rag Apple Korndyke 8th and Fairview Korndyke Boon, a 32-lb. junior 4-year-old daughter of Pontiac Korndyke. Rag Apple Korndyke Boon's first four daughters all made better than 20 lb. up to 23.25 lb. His 70 daughters now in our herd will all be retained and developed before being sold. Dam: Dora Sarcastic. Butter 32.19 lb. from 538.9 lb. milk. A splendid straight cow and sister to Niva Kalmuck 45.18 lbs.

No. 2 (Born January 31, 1918). Sire: Rag Apple Korndyke Boon (above). Dam: Kalmuck Skylark Clyde. Butter 31.16 lb. from 579.5 lb. milk in 7 days and 125.61 lb. butter from 2325.5 lb. milk in 30 days as a 4-year-old. She is also a sister to Niva Kalmuck 45.18 lbs. This bull is exceptionally showy, largely white in color and will make a great sire for someone.

No. 3 (Born February 6, 1918). Sire: Rag Apple Korndyke Boon (see above). Dam: Segis De Kol Johanna 2d with 30.23 lb. butter from 528.4 lb. milk and sister to two 32-lb. three-year-olds. She is sired by King Segis Lyons from a sister to the famous Niva Kalmuck 45.18 lbs.

No. 4 (Born March 11, 1918.) Sire: Rag Apple Korndyke Boon (see above). Dam: Omaha Wayne Kalmuck, with a junior 4-year-old record of 30.06 lb. butter, which record she is capable of increasing very materially. She is also a sister to Niva Kalmuck 45.18 lbs. This bull is largely white and an exceptional individual.

No. 5 (Born April 4, 1918.) Sire: Rag Apple Korndyke Boon (above). Dam: Colantha Gladi Parana. Butter 31.72 lb. from 624.6 lb. milk. She by Sir Johanna Colantha Gladi (by Colantha Johanna Lad from Pontiac Gladi 32 lb. by Hengerveld De Kol) from a daughter of Belle Pietertje Hengerveld Prince. A big strong cow and a great dam for a herd sire.

No. 6 (Born April 10, 1918.) Sire: Rag Apple Korndyke Boon (above). Dam: Miss Lotta Kalmuck with a record of 30.05 lb. butter from 541 lb. milk and she in turn from Lotta Clyde (by Sir Clyde) that was Nebraska's first 30-lb. cow with her record of 31.33 lb. butter from 709 lb. milk. The four nearest dams of this fellow are all 30-lb. cows and average 32.89 lb. butter. Remember also his dam is a sister to Niva Kalmuck 45.18 lb.

These Bulls are Guaranteed Breeders and Guaranteed Against Tuberculosis for Sixty Days

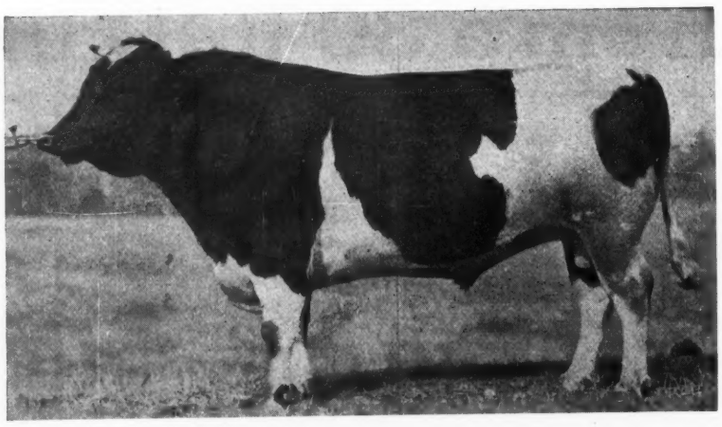
Friesland Farms, Omaha, Neb.

B. B. DAVIS, Owner HENRY STUBBE, Mgr.

Everybody Wants Them

BECAUSE THEY'RE PRODUCERS

The Long Distance Sort



PIETERTJE HENGERVELD SIR KORNDYKE

The Only Sire in the World with Five 18,000-lb. 2-year-old Daughters

His sons are all sold and we have no bulls of serviceable age. We can offer five young bulls from one month to five months of age, sired by K. P. B. A. FEDORA KING, he by a son of King of the Pontiacs from NOVELTY FEDORA HENGERVELD, a daughter of Pietertje Hengerveld Sir Korndyke, with a record of 29.38 pounds of butter in 7 days and 1022 pounds of butter in a year.

The dams are all sired by Lothian King De Kol Korndyke, a son of Pietertje Hengerveld Sir Korndyke and Lothian Maggie De Kol, that held the world's record for two successive years for both milk and butter by her production of 2258 pounds butter from 52,058 pounds milk. The second dams are by a son of King Segis and the third dams are by the great Aaggie 3d's Wayne Paul De Kol.

Two especially choice ones are grandsons of Pietertje Hengerveld Sir Korndyke from three-year-old heifers that have made up to 23.58 lbs. in seven days and 983 lbs. butter in a year.

Two of the calves are evenly marked and the others are dark. They are choicely bred and will be sold very reasonable if taken IMMEDIATELY.

Lothian-Riverode Stock Farm

Alexander Watt NOVELTY, OHIO L. M. Williams

THE WOMAN'S LAND ARMY

The United States Department of Labor pays a striking tribute to the value of the service performed by the Woman's Land Army of America in a circular recently sent out. This report states that during the past season over 15,000 women under the auspices of this organization worked on farms last season, thus having a very important effect upon the food supply possible to plant, raise and harvest. In several states training farms were maintained where intensive courses were given the women before being sent out for actual work on the farms.

Contrary to popular opinion, these women were able to do practically every variety of farm labor including planting, cultivating, harvesting, dairy work, and the use of all sorts of farm machinery. Apparently the experience has opened up a new field of labor in this country as thousands of the past season's workers are eager to go back to the farm next summer. Forty states now have Land Army Chairmen and Committees engaged in the work of organization, while in twenty of these states active work has been done in placing women on the farms. The efficiency of the organization will be greatly increased next year through its consolidation with the Federal Employment Service under the direction of M. A. Coykendall. This division is working in cooperation with the Department of Agriculture and its state and county agents.

BUYS A PRIZE WINNER

Mayowood Farms have recently sold Ondine Colantha Ormsby, the young son of their herd sire which won second prize in its class at the National Dairy Show. The get of the Mayowood bull, Johanna Ondine Grahamholm Lad made a very favorable impression at the National and this young bull was one of the best of the lot. The purchaser is E. Evans of Viola, Minn., who is laying the foundation for a high class herd of Holsteins.

Pat and Mike were obliged to halt their car and make way for a fnueral procession. While looking at it Pat suddenly remarked, "I'd give $500 to know the place where I am going to die."

"Well, and what good would it do you if you did know?"

"Lots," said Pat, "sure, I'd never go near the place."

DO YOU NEED A HERD SIRE TO PUT YOU ON THE BREEDERS' MAP?

A Son of Maplecrest Application Pontiac, 132652, Will Turn the Trick for You

CLUNY STOCK FARM · Quality Production Health · HOLSTEINS

He is a son of **Friend Hengerveld De Kol Butter Boy**, who, with **Pontiac Aaggie Korndyke**, sire of his dam, represent the wonderful combination of 7-day and yearly record production that has made **Maplecrest Farms** famous.

The 7-day record of Maplecrest Pontiac Application, his dam, is 35.1 lbs. butter; her yearly record is 1,344.3 lbs. butter. Her dam is Banostine Belle, also the dam of Banostine Belle De Kol, with 1,332.9 lbs. butter in a year. Banostine Belle is the dam of the World's Highest Record Sisters for yearly production, being the only cow in the world with two daughters with records averaging over 1300 lbs. butter and 25,000 lbs. milk in a year. The Blue Book shows Maplecrest Application Pontiac's dam to be the 6th, and his ¾ sister the 8th highest yearly record Holsteins.

Transmitting Ability in the Highest Degree shows everywhere in his Pedigree.

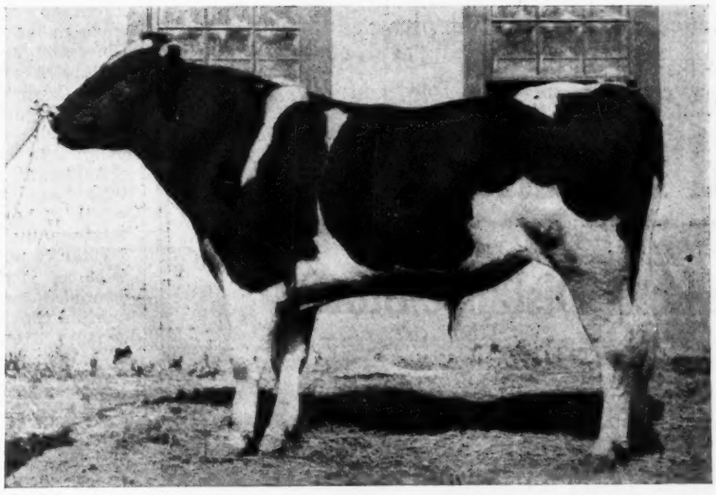
A son of his from one of our Big, Healthy Heavy Milking A. R. O. cows Will Turn the Trick for You.

Come and see, or write for photo and pedigree. Priced right. Herd under strict Federal Supervision.

R. BRUCE McPHERSON Howell, Mich.

A PRICELESS SIRE

The Bull You Cannot Buy



Finderne Johanna Rue Valdessa

By a Son of

Valdessa Scott 2d—*The First 40-lb. Cow*

From a 31-lb. Daughter of

Finderne Pride Johanna Rue

HIS SIRE'S DAM—The first 40-lb. Cow.

HIS DAM'S DAM—The Former Long Distance Champion and present Champion in the 8 months after division.

YOU CAN BREED YOUR BEST COW TO HIM.

COLUMBINE HERD

LYTLE COLORADO

SPENCER PENROSE, Owner **W. E. CUSHNER, Manager**

DODGE FARM
WASHINGTON, CONNECTICUT

One Swallow does not make a Summer
Nor performance in one generation prove the worth of a Holstein bull or cow.

Breed for the Future

From Long Distance Stock

Proved for Several Generations on Each Side

We have the combination in

Two Tested Long Distance Families

of Three Generations Each

Line bred to

The Best Dairy Bull in New England

This is a cross that means
Fame to the Breed as Dairy Animals.

—: Get in Line :—

Send for a Pedigree "that's different."

THE BILLION DOLLAR WASTE

Suppose that every time you hauled a full load of wheat to town half that wheat would leak out of your wagon box before you got to the mill. You'd fix up that wagon box or buy a new one in short order, wouldn't you?

Suppose that every time you planted a field of corn but half that field would come up. You'd spend some time and quite a bit of money to learn the cause and find a remedy, wouldn't you?

Suppose that somebody told you that the American farmer—meaning you and your neighbor and your neighbor's neighbor—was, either through ignorance, carelessness, or indifference, allowing over one billion dollars' worth of the farm's most valuable by-product to go to waste annually, would you sit up and take notice, believe it, and do something about it?

Assistant Secretary Carl Vrooman tells you that over $1,000,000,000 worth of barnyard manure is going to waste annually, because the average farmer is not taking care of this product as it should be taken care of. Deane Davenport of Illinois has calculated that by the end of the present century there would be in this country a density of population of about 200 people per square mile as against the present density of 16 people per square mile. The late James J. Hill, opener of the great Northwest, prophesied that by 1950 there would be a wheat shortage in the United States of 400,000,000 bushels!

Increased population demands increased production.

To avert the fulfillment of James Hill's sober prophecy it is up to the American farmer right now to maintain and increase the fertility of the soil, to conserve and employ every pound of barnyard manure. It means work, it is true, but it is work that, if simplified with modern equipment, can easily be done in odd moments, odd moments, that in the light of increased fertility and increased production, will be turned into golden moments for the progressive farmer.

A ton of manure properly preserved contains about 10 pounds of nitrogen, 10 pounds of potassium, and two pounds of phosphorus. But aside from the plant food it contains it is particularly valuable for the humus it adds to the soil. Humus (the brown or black material formed by the rotting of vegetable or animal matter)

Liseter Farms Herd

Newtown Square, Pa.

This is our herd sire, Model Annie King Segis 164697. A son of Mr. E. A. Powell's old show cow, Annie De Kol Butter Girl 72910, that made over thirty pounds three times. If you like his type and breeding, buy one of his sons. We have one from a 32-lb. cow.

J. L. AUSTIN

S. W. HAGAN, Herdsman **Rosemont, Pa.**

greatly improves the mechanical condition of the soil. Manure changes the physical character of the soil. Heavy soils break up more easily and are more easily worked after an application of manure. Many heavy soils, too, are cold and cannot be plowed until late. A liberal application of manure would make them warmer and better suited for vegetable growth. Manure makes light, sandy soils more retentive of moisture, and checks washing away. It is the cheapest and best soil conditioner.

Barnyard manure will convert a barren, sterile field into a golden wheat field; barnyard manure properly conserved and intelligently applied will increase the average corn yield by at least one-third. Barnyard manure at the present writing is worth from four to five dollars per ton, and is steadily increasing in value.

A horse or a mule will produce annually about $60 worth of manure, each hog approximately $17 worth, and the dairy cow $50 worth. On the average farm therefore the value of this by-product (as compared with commercial fertilizers) amounts to practically $1,000.

Of this $1,000 the average farmer puts on his fields a little more than $500 worth, the rest, exposure to the sun and rain has robbed him of. $500 lost through inefficient storing and handling!

Manure is very perishable, and the parts most readily lost are most valuable. Over 50 per cent of the total plant food in manure is soluble in water, and when it lies out in the rain this soluble material is washed out, and either soaks into the soil or runs down the barnyard into the near-by creek; literally a stream of liquid gold running to waste every day in the year. Twenty tons of manure left unprotected from the elements for six months decrease in volume 50 per cent; that is, at the end of six months there are but ten tons left. This loss in weight is due largely to the rapid fermentation of the manure, also called "firefanging," in which nitrogen escapes into the air in the form of ammonia gas. Not only is there less plant food in this weathered manure but there is a smaller amount of organic matter, straw, etc., which means that the farmer has less to spread over his fields, or, what amounts to the same thing he can cover less area. Farmers in the East where the land has formerly been robbed of its fertil-

(Continued on page 66.)

THE WILLINGTON HERD

Senior Sire—King Segis Pontiac Willington, 158145. The best son of King Segis Pontiac Alcartra and out of Prilly Princess Julia De Kol (30.44 butter at 4½ yrs.) His first daughter to be tested made at 21 months 23.97 butter, Milk 390.5.

Junior Sire—King Korndyke Fannie Veeman, 199675. The best son of King Korndyke Sadie Vale, the only sire to have a 40-lb. daughter, a 40-lb. dam and a 40-lb. sister and out of a 30.51-lb. 3-year-old daughter of Sir Veeman Hengerveld.

Our herd is under the supervision of the U. S. Dept. of Agriculture and is guaranteed free from disease.

The only thing we have to offer is a very well grown bull born Feb. 21, 1918, sired by King Segis Pontiac Willington and from a 20-lb. 2-year-old. Priced right for quick sale.

This is a combination that cannot be beat.

GARDINER HALL, JR. & CO.

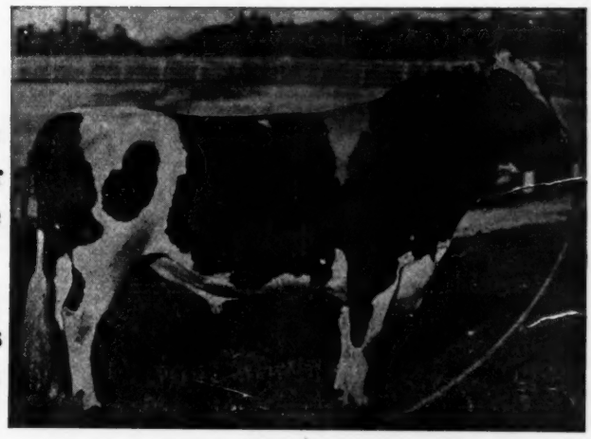
R. L. BIRDSALL, Mgr. SOUTH WILLINGTON, CONN.

ORMSBY KORNDYKE LAD

Five 30-lb. Daughters All Under Full Age

—

The Bull That Sires Champions



Get One of His Sons Today

HARRY B. DAVIS Chester, N. Y.

WE WILL SELL TEN FEMALES

FOUR Yearlings
SIX two to eight years old.

All these are either 20-pound cows or out of 20- to 24-pound cows or from A. R. O. daughters of 20- to 24-pound cows.

Also Bull Calves by

AAGGIE CORNUCOPIA JOHANNA LAD 7th

One from a 31-pound cow.
One from a 26.91-pound daughter of a 34-pound cow.
One from a 24.87-pound twin sister to a 35.42-pound four-year-old.
Other ones as good.

Write or come and see them

McKAY BROTHERS Waterloo, Iowa

LODGE VON HEIM

Home of High-testing Healthy Holsteins

BULL CALF—For Sale

Here's a Good One—Seven-eighths white, Born August 22, 1918

SIRE—

Finderne Mutual Fayne Valdessa No. 174999.

Born January 26, 1916.

Individually and in breeding one of the greatest young bulls living. He was sold at public auction for $21,500 the highest price ever obtained for a bull calf at that time. He is a beautiful youngster, handsomely marked, straight as a line and well built throughout.

King Valdessa
The records of his dam and sire's dam average:
Butter 7 days 43.02
Butter 30 days 167.90

Finderne Mutual Fayne
Butter ..... 3 yrs 36.72
Butter 7 days 27m 25.68
Milk 482.50
Average per cent fat 4.26
Butter (8 mo. after calv.) 21.92
(World's record when made)
Milk 405.80
Average per cent fat 4.32
Butter 1 year 1200.64
(World's present yearly record)
Milk 22,150.40

Spring Farm Pontiac Cornucopia
25 A. R. O. daughters

Valdessa Scott 2nd
Butter 7 days ..... 8 yr 41.88
Milk 694.60
Average per cent fat 4.82
Butter 30 days 164.29
Milk 2933.90
Average per cent fat 4.48
(World's butter records when made)
5 A. R. O. daughters—
Valdessa Orm De Kol ..... 7 y 38.14
Fin. Valdessa Pontiac 33.24
and three others from 20 to 24.2 lb.

King Hengerveld Aaggie Fayne
30 A. R. O. daughters
10 over 30 lbs.

Finderne Hengerveld Mutual
Butter 7 days ..... 3½ y 23.79

DAM—

Winnifred Piebe De Kol 2d

A wonderful cow in ability both to produce and to transmit. Her record for seven days shows butter 33.09 lbs.; milk 637.30 lbs.; average per cent butterfat 4.15. Her 30-day butter record is 134.93 lbs. and milk 2652.30 lbs. One A. R. O. daughter, Von Heim Winnifred Colantha at 25 months had butter record for seven days of 29.62 lbs. and for 30 days 117.71 lbs.—latter world's record.

Lad Legend of Kakenstein 2d
18 A. R. O. daughters

Lad Legend of Kakenstein
11 A. R. O. daughters

Emma Dell Idlewild De Kol

Winnifred Piebe De Kol
1 A. R. O. daughter
Her dam is by a brother to:
Piet. Maid Ormsby 35.56

Korndyke Piebe De Kol
2 A. R. O. daughters

Winnifred Hengerveld De Kol

Inquiries Given Prompt Attention

LODGE VON HEIM, Kent, Wash.

J. VON HERBERG, Owner
M. J. WALTHER, Supt.

Woodlake Farm

JOHN B. IRWIN, Prop.

Miss Korndyke Maid Ormsby

"Home of the

ORMSBYS"

Duchess Skylark Ormsby

ADDRESS—

Station F., Minneapolis, Minn.

Herd Headed by Two of the

Breed's Greatest Sires

King Korndyke Colantha Ormsby, 96546

A son of Colantha Johanna Champion that has five 30-pound daughters and whose dam is that great cow, Colantha 4th's Johanna, the only cow that has ever held all butter records from seven days to a year, the dam of King Korndyke Colantha Ormsby is Miss Korndyke Maid Ormsby whose yearly records are 1,255.63 pounds butter and 25,418.30 pounds milk. She is a daughter of one of the greatest foundation cows and a former world's champion, Pietertje Maid Ormsby.

Sir Ormsby Banostine Champion 166276

Without a doubt one of the best bred long-distance sires. His dam is Duchess Skylark Ormsby, the world's champion yearly butter producer—the only 1,500-pound cow. He is sired by Maplecrest Butter Boy De Kol whose sire and dam's sire each have four daughters whose yearly records average 1,215 pounds butter.

When in need of females or a herd sire, write us your needs. You can get them here and they are the world's record kind.

Established **Brookside Herd** in 1876

The Fountain Head of Holstein Aristocracy

R. J. STEVENS, Owner :-: Liverpool, New York

I Have Just One Son of King Model

This calf is one of the best bred youngsters ever raised in Brookside Herd. His dam is a daughter of King of the Pontiacs and has record of 21 lbs. made as a three-year-old with first calf. Next dam a 30-lb. daughter of Hengerveld De Kol, next dam 25 lbs. and next dam 27 lbs. A world of breeding, a good individual. Born Jan. 15th, 1918 and ready for service. Speak quick if you want him.

I Have Several Sons of Sir Pontiac Waldorf Pietje

Every one of these calves is a perfect individual. Remember the dam of this bull has record of 36.31 as a junior 4-year-old. She also has 32 as a junior three and again 35.39 as a junior five and she milked 772 lbs. in seven days in July.

One of these calves is from a 30-lb. dam.

One from a 23-lb. daughter of King of the Pontiacs. One from a 20.35-lb. granddaughter of King of the Pontiacs.

The oldest of these are April calves.

I Have Some Mighty Fine Heifer Calves For Sale

These are fine calves and run in age from two to ten months. From fine sires and finely bred dams of fine dairy type. I must have room in my calf barn and I'll price these right.

If you will come and look them over I know we can deal.

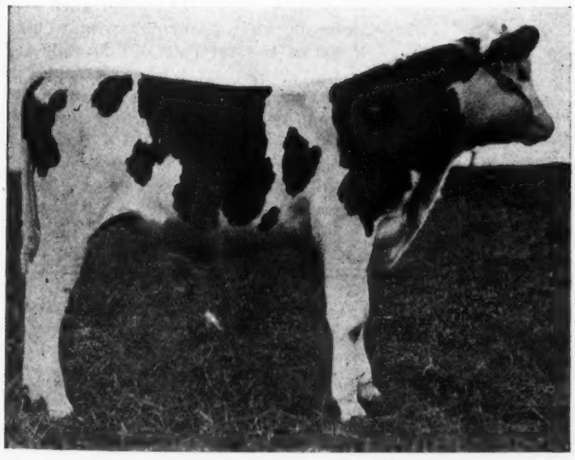
I also have a few bull calves from untested dams at bargain prices.

A cordial invitation is extended you to visit Brookside Herd. It is but a half hours trolley ride from Syracuse and easy of access in all weather.

40 + 43

POTENTATE

"He Is All That His Name Implies"



Sired by

Cornucopia Korndyke Pontiac

From

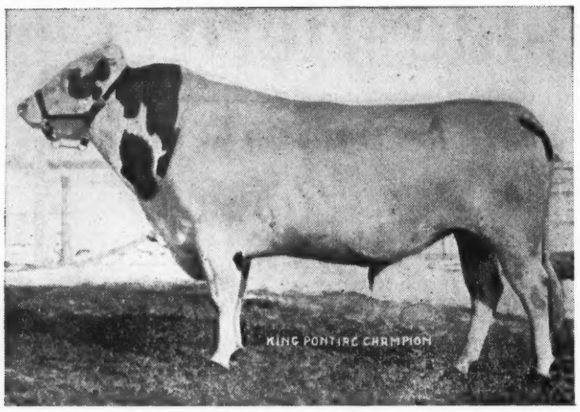
Leafy Veeman De Kol 40.10

She from

Leafy Dawn De Kol 43.19

Don't You Agree He Combines Breeding and Individuality?

E. P. & C. J. GEORGE **ARCADY FARM** Chaffee, N. Y.



KING PONTIAC CHAMPION

Pabst King Colanthus

A Son of These Perfect Animals Heads the Herd at

LISLE FARMS

Dept. W. **H. C. Barker, Herd Mgr.**

LISLE, ILLINOIS

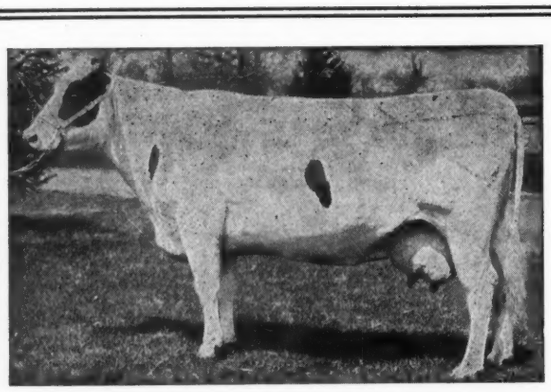
Home of

Het Loo Pietertje

World Champion 2-Year-Old

Write today for bull sale list.

(Are you interested in a bull calf from a dam 19650 lb. milk, 785 lb. butter.)



PABST HENGERVELD COLANTHUS 31.51 LB.

(Continued from page 63.)

ity for years are now spending 7 to 8 per cent of the farm products they raise for commercial fertilizers.

Commercial fertilizers are expensive and hard to get. Last year there was produced in this country 126,577 tons of potash, which was about one-eighth of the normal supply. Experts believe that there is no chance for the United States to get the amount of potash needed to meet the farmers' demands next year. Consequently there will be a serious shortage of commercial fertilizer.

And even though commercial fertilizer were abundant and cheap it cannot fill the place of barnyard manure. It does not equal it in completeness and lasting qualities. To maintain soil fertility humus is necessary. Humus may be obtained from two sources—green crops plowed under or barnyard manure. And most farmers find it more economical to feed than to plow under without feeding. Of these perhaps the biggest class is the dairy farmer. Dairying and farm fertility go hand in hand. Of 100 units of digestible food fed each cow she returns to her owner 18 per cent in milk and approximately 75 per cent in barnyard manure. The dairy cow produces an average of 12 tons of manure annually. In a herd of 20 cows, therefore, the manure production equals 240 tons, and is worth more than $1,000.

How to conserve every possible pound of this valuable product is the problem that confronts the thrifty farmer. If he could haul it from the barn out to the field continually there would be very little waste. But there are times when it is practically impossible for him to haul the manure directly to the field, as in his busy season, or when the ground is too soft or when there is no field upon which to put it. So he should make some provision for storing it until such times when it can be hauled.

A covered, concrete manure pit at a convenient distance from the barn is an investment that will return big dividends to the farmer who would preserve the fertility of his soil. A pit 6 feet x 12 feet with 3 feet sides, and covered with prepared roofing can be constructed at little expense. Cement prepared roofing, and a little lumber, amounting in all to about $50 to $60, is all that is needed. Sand, gravel and stone can be found on almost every farm, and the average farmer is a

A Son of

King of the Pontiacs

FOR SALE

The sons of King of the Pontiacs are growing fewer in numbers each day, and the man that gets one of his young sons will be at the top for the next few years. We have a very choice youngster born in March of the present year.

His dam is by the great Johanna King Segis, recently purchased by Winterthur Farms. She has a record of better than 27 lb. and her sire is by a son of the great King Segis from Johanna De Kol Van Beers, the second 40-lb. cow of the breed.

It is almost impossible to get the blood of King of the Pontiacs in combination with that of one of the great 40-lb. cows and this opportunity to secure that very combination should not be overlooked. Write us today.

G. C. BURLINGAME **Cazenovia, N. Y.** **D. N. HARTT**

good enough mechanic to do most of the work himself.

The concrete pit will preserve all of the liquid manure and if the manure is kept wet and well packed down very little loss will result. The manure can then be hauled out to the field whenever convenient.

Most farmers who evidence their progressiveness by having a manure pit in their yards, make the removal of the litter from the barn to the pit an easy operation by means of a litter carrier. The litter carrier can easily be filled in the barn, run out on an elevated track to the manure pit and then dumped without a particle going to waste. Some farmers, who have not yet built a manure pit, keep their spreader under a covered shed and run the carrier out over the spreader. This saves considerable time since litter goes through but one handling on its way to the field. Either method is a good economical way of handling manure, and is a money-saver and a money-maker for the up-to-date farmer.—James Barn Magazine.

WHAT HAPPENED TO THIS BREEDER?

A well known Holstein breeder, determined not to be interrupted by so many callers, instructed his office helper to say to all callers that "Mr. Blank is not in."

"But if they say they have an appointment with you?" asked the man.

"Just say 'they all say that,'" ordered the busy breeder. All went well until the next day when a lady called, and when she was told Mr. Blank was not in, she replied: " I know better. You tell him his wife is here to see him."

"Oh," said the faithful helper, "They all say that."

EXPERIENCED

The young man sidled into the jeweler's shop, a week before Christmas, with a furtive air. He handed the jeweler a ring with the stammered statement that he wished it marked "with some names."

"What names do you wish?" inquired the jeweler in a sympathetic tone.

"From Henry to Clara," the young man blushingly whispered.

The jeweler looked from the ring to the young man and said, in a fatherly manner, "Take my advice, young man, and have it engraved simply 'from Henry.'"

WE WILL SELL

THREE FOUNDATION ANIMALS

That Will Start Someone Off Right

A BULL, born May 9, 1918, large for his age and straight on top. His dam's record, 7 days milk 621.3 lb., butter 30.25 lb. His sire's dam's record, 7 days milk 712.9 lb., butter 35.37 lb.

King Segis, Pontiac Korndyke, De Kol Creamelle breeding.

A HEIFER, born May 17, 1917, of excellent type and conformation. Her dam's record at 4 years old, 7 days milk 616.2 lb., butter 31.36 lb.. Her sire's dam's record 7 days milk 514.1 lb., butter 30.51 lb.

The average of her 5 nearest dams: 7 days milk 532.8 lb., butter 32.02 lb.

A HEIFER, born April 21, 1918, a splendid individual and of high class breeding. Her dam's record at 4 years old, 7 days milk 461.7 lb., butter 32.41 lb. Her sire's dam's record 7 days milk 534.0 lb., butter 32.70 lb.

The average of her 4 nearest dams: 7 days milk 532.8 lb. butter 32.02 lb.

They are guaranteed to be breeders. Herd under Federal inspection. The kind that will bring your herd to the front. Other stock for sale. Write us about them, or better, come and see them.

HOLLYWOOD FARM

Near Seattle, HOLLYWOOD, WASH.

Correct Type With Yearly Production

SIR
JOHANNA
FAYNE
42147

Never mind the 7-day forced butter record. It is the production during the other 358 days in the year under normal conditions that determines a cow's producing ability.

IOWANA FARMS Davenport, Iowa

Is This The Best Bull W. D. Robens Ever Bred?

I maintain he is. King Sadie Vale Hengerveld is by King Korndyke Sadie Vale, admittedly one of the greatest bulls of his age. The dam is S. V. H. Belle De Kol, a 3-year-old daughter of Sir Veeman Hengerveld with a record of 37.38 lb. butter from 503.9 lb. milk. She is not only the highest record daughter of Sir Veeman Hengerveld but she is also the highest record cow ever developed by W. D. Robens. The "Sir Veeman-King Korndyke" combination is the best Robens ever produced and the best representative of this cross must certainly be the best bull he ever bred.

The two nearest dams of this bull average 39.22 lb. butter from almost 600 lb. milk. No—you can't buy him but you can reserve one of his good sons.

Linn Kinne LEVELACRES HERD Utica, N. Y.

Pontiac Korndyke

has been coming some. No other bull ever duplicated his present year's work, with two daughters above 42 lbs., and four daughters averaging 41.57 lbs.

ONE OF HIS BEST SONS

heads our herd. His name is PRINCE KORNDYKE PONTIAC, and his dam is Pontiac Korndyke Maid, a 33-lb. daughter of Pontiac Korndyke.

BARGAINS IN HIS SONS are now offered, from good record, strongly bred dams.

One from a 26-lb. Daughter of King Segis

SOME COMBINATION!

Other young bulls by King Hengerveld Pietje, a son of Prince Hengerveld Pietje and Woodcrest Dora De Kol (35.89 lbs.), from dams up to over 25 lbs. as junior two-year-olds. Some from daughters of King of the Pontiacs and Rag Apple Korndyke 8th.

THIS QUALITY WILL MOVE QUICK. ADDRESS

HUGH J. DAVIS

Maple Ridge Herd Broadalbin, N. Y.

Our New Herd Sire

King Korndyke Daisy Hengerveld

He is a son of King Korndyke Sadie Vale and his dam is S. V. H. Daisy, a 30.48-lb. daughter of Sir Veeman Hengerveld.

We have a few good cows bred to him for sale and will have some of his sons for sale this fall and winter. Will be glad to tell you just what we have to offer and our guarantee is back of every animal we sell. They must be just as we represent them.

FLOCK BREWING CO.

Williamsport, Pa.

GRADE HOLSTEINS PROFITABLE

A news dispatch from Emporia, Kan. tells of four grade Holstein cows belonging to Frank Gray of that place which brought in milk checks averaging $125 a month during January, February, March, April and May of the past year. These cows are about seven-eighths Holstein; and as their feed consists entirely of home grown products, alfalfa hay and corn fodder, these cows are returning a handsome net profit to their owner.

MARLOW BUYS NEW FARM

J. C. Marlow of Mankato, Minn., State Agent for the Hinman Milker, has purchased in company with W. W. Randall the R. H. Rose farm of 320 acres near Mapleton, Minn., and together they will build up a herd that should rank high in Minnesota Holstein circles. The most of the herd from the Marlow & McCarger farm at Mankato will be moved on to the new farm including the famous herd sire and show bull Sir Pietertje Mercedes 14th.

MORE ABOUT THE MICHIGAN 30-LB. THREE-YEAR-OLD

Mention was made last week of the 30-lb. record recently completed by a three-year-old heifer on the Creston Stock Farm, Comstock Park, Mich. Mr. Buth advises that the heifer in question is Creston Pontiac Segis No. 298114, a great granddaughter of King Segis Pontiac and Pontiac Korndyke, her sire being King Segis Calamity, a son of King Segis Pontiac Howell. Her last calf was a heifer by Finderne Alexis Segis Korndyke, the 38-lb. senior herd sire at Creston Stock Farm. Mr. Buth writes that this calf is the most perfect individual they have ever seen while her first calf was champion at West Michigan State Fair in 1917.

Sighings of a Consumer

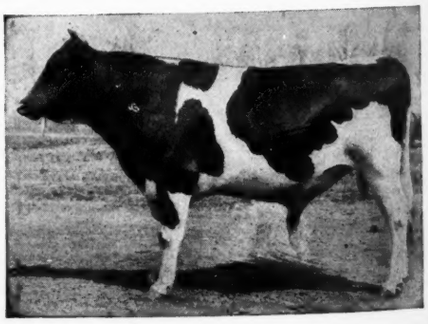
I never saw a golden cow—
I hope I never see one—
But milk is so expensive now
I know that there must be one.

MAPLE LAWN FARMS

Holsteins for sale. Holsteins to buy, whole herds preferred. Can use large numbers of registered bulls, all ages. Headquarters for everything in registered and grade Holsteins all ages. 200 head from which to select.

C. W. ELLIS, JR. Cortland, N. Y.

75 per cent of the Blood of Sir Pietertje Ormsby Mercedes 37th



We offer one of his best sons born February, 1918. The calf is light in color and from one of the good daughters of Sir Pietertje Ormsby Mercedes 37th. The second dam is Princess Colantha Jewel 3d, with 22.26-lb. in 7 days and 732.80 lb. butter from 15,701 lb. milk in a year. She is the dam of three A. R. O. daughters. The third dam has a record of 25.04 lb. butter in 7 days and 865.67 lb. butter in a year and is the dam of 5 A. R. O. daughters. This is a very choice calf and backed by the highest kind of breeding.

REMEMBER—We can sell a few very high class cows and heifers that are either daughters of or in calf to Sir Pietertje Ormsby Mercedes 37th. These are not cheap animals or culls. We need the room is the only reason for selling.

Lone Pine Stock Farm JOHN ERICKSON, Waupaca, Wis.

Three Young Bulls

Between 9 and 14 Months of Age

Two are sons of JUDGE LYONS whose 7 nearest all have records better than 28 lb., and average over 32 lb. 4 of his 7 nearest dams all have records better than 34 lb. and the average production for milk for the 7 nearest dams for their best day is nearly 100 lb., and this can also be said of his 10 nearest dams.

Both of these bulls are sons of young A. R. O. daughters of KING OF THE BLACK AND WHITES, with whose breeding you are all familiar. One of these youngsters is nearly all white and his 7 nearest dams average 29.66 lb. His 15 average 30.52 and 27 of his 31 average 29.64 lb. The other is more black than white and his 15 nearest dams average 30.49 lb.

The 3d is a young son of KING RECORD. He is about evenly marked and 29 of his 31 nearest dams average over 30 lb. The dam of this youngster is a young heifer, not yet tested and a daughter of Clara Colantha Clothilde, a 29-lb. daughter of the old cow, Clarissa Clothilde Pietertje, record 32.52 lb. The two latter cows have given over 100 lb. of milk each in a day and the dam of the bull calf is a very promising heifer. She will freshen another winter when we expect to put a good record on her. Her dam, Clara Colantha Clothilde is due in Feb., and we feel confident she will far exceed the 30-lb. mark.

Anyone desiring a great bred youngster and one that will transmit his good qualities should carefully consider these bulls for they will be sold at a bargain.

A. A. HARTSHORN HOL. CO.

HAMILTON NEW YORK

DISPERSION SALE

The Entire Herd of REGISTERED HOLSTEIN Cattle Owned by M. E. MOORE & CO. Cameron, Mo.

FRIDAY, JANUARY 31, 1919

50 head consisting of 10 A. R. O. cows, 25 cows and heifers milking, 5 springers, 5 bred heifers, 7 heifer calves, 5 bull calves, 2 yearling bulls and the herd sire (Diotime Clyde Cornucopia Lad).

Included in this offering will be found the only female descendants of the champion cow SHADY BROOK GERBEN, 3 of which have good A. R. O. records.

These cattle have been bred along constructive lines on the one farm for the past 38 years.Conformation, size and producing qualities have been the watchword and there is no doubt that this is a REAL OPPORTUNITY SALE for those who would improve their herds by the infusion of this famous blood. Not only has the female end of the herd been kept to a high standard of efficiency but through the use of highly bred bulls there has been marked improvement with each succeeding year.

A complete catalog has been issued and will be mailed to those who write for it. For other information write

M. E. MOORE & CO., Cameron, Mo.

THOS. E. DEEM, E. E. McCLURE, Auctioneers W. H. ZIMMERMAN, Mgr.

Buyers Opportunities

Here are big opportunities done up in small packages. The Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

Richly Bred King Segis-King of Pontiacs Bull Calf $275

Born in July; soon old enough for light service; member of our this season's junior calf show herd; a very husky youngster; color about even; straight and well grown—all our bulls are. Sire is one of our three herd sires of outstanding quality, a 32-lb. son of "The $50,000 Bull," with an average of over 33 lbs. for three nearest dams. Dam of calf a fine large 21-lb. 3-year-old granddaughter of the only King Segis; next dam a near 29-lb. 3-year-old daughter of that same famous sire, she having produced a champion 33-lb. 4-year-old. This fellow is backed at two different places by both King Segis and the premier sire, King of the Pontiacs—also by eight other noted sires and dams. Price at present age, $275 f.o.b. here.

Extended pedigree, pictures, details for all 'cept the postal card curious.

Broadhurst Holstein Farms
Morrisville, N. Y.
which is in Madison County.

YEARLING BULL FOR SALE

From a 35-lb. dam with 828.5 lb. milk in 7 days and sired by a son of King of the Pontiacs with one full sister above 30-lb. and another with 42.5 lb. butter from 715.5 lb. milk and a 30-lb. dam. Perfect in every way.

IDLEAZE FARMS
J. W. VAUGHN St. Johnsville, N. Y.

FOR SALE

Heifers sired by Glista Pietje, a 32-lb. sire from the Glista family that Cornell has made famous. Age of heifers, one month to one year, nicely marked, straight and well grown. Dams are all sired by 30-lb. bulls. Some have good A. R. O. records. Herd is free of tuberculosis or abortion. Write for prices.

H. T. FULLER Peru, N. Y.

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Price $50 to $75.

Chenango Farms Hamilton, N. Y.

Tidy Abbekerk Prince Ultimus

A 16-mos-old son of Tidy Abbekerk Prince (9 30-lb. daughters) from a 23.6-lb. daughter of King Veeman De Kol. He is evenly colored and a fine individual. Price $275. F. O. B. Sherburne.

H. LATHROP & SON
Sherburne, N. Y.

FOR SALE

Two granddaughters of Spring Farm King Pontiac 14th born May, 1917, unbred. Dams are Korndyke breeding. Write for full particulars. Price $225 for the pair.

HOMESTEAD FARM
Theresa, N. Y.

Are You Watching

the sons and daughters of the great producing cow

Diona Konigen Pietertje

Her record	37.44
Her daughter's record	40.153
Another daughter at 4 yrs.	35.935
Another daughter at 3 yrs.	27.09
Her son's daughter at 4 yr.	43.52

4 daughters above 30 lbs.

I am offering some beautiful sons of King Champion, another of Diona's sons at reasonable prices. Write just what you want.

DON J. WOOD
West Winfield N. Y.

Cows, Heifers and Bulls

Registered highly bred stock offered very reasonably by

OTTO BRANDENBURG
Waverly, Iowa

$200 for High Class Yearling Bull

Born Nov. 6, 1917, sired by King of the Changelings, a 33-lb. son of King of the Pontiacs. Dam, Clelia Pauline Abbekerk 2d, an A. R. O. daughter of Changeling Butter Boy and 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne the only 44-lb. three-quarter cow. Bull is nicely marked and ready for service.

FRED A. BLEWER
Maplevale Farms Owego, N. Y.

SERVICE BULL

Sired by a 32-lb. son of the $50,000 King Segis Pontiac Alcartra from an A. R. O. granddaughter of Sir Urmagel Burke, a 30-lb. son of De Kol Hengerveld Burke. Light in color and a show bull. Twelve months old and ready for use. Price $175.

H. H. JONES
Cazenovia, N. Y.

AUCTIONEER

For an auctioneer and one that knows values of both purebred and ordinary livestock, write or wire me early for dates as I sell 95 per cent of all sales in this section of the country.

F. H. HEMBROOK Chetek, Wis.

KING SEGIS PATENT LOCK

Ear Tags, Bull Staff and Rings. Description and prices sent on application. 300,000 of these ear tags have been sold without adverse criticism. 500 of these BullStaffs are used by the best breeders in the United States & Canada

BULL

Ready for Service

Dam: Butter 7 days 25.89 lbs. Milk 482.90 lbs.

Sire's Dam: Butter 7 days 30.20 lbs. Dam of 3 A. R. O. daughters and one son with 4 A. R. O. daughters.

Born March 28, 1918. Mostly white, extra well grown, very nice individual. Two nearest dams average 28 lbs. Three nearest dams average 27 lbs.

$250 Delivered

Safe arrival guaranteed. Write for pedigree and picture.

HOBART W. FAY
"Quality First"
MASON, MICH.

Riverside Stock Farm

King Pontiac Boon Lilith 106026

is one of the best sons of King of the Pontiacs. He is also sire of a fine bull born March 27, 1918. Dam of calf is K. H. S. Pontiac 229689 with a record of 26.44 lb. butter from 403.3 lb. milk testing 5.2 per cent fat as a 4-year-old. Calf is nicely marked, straight as an arrow. Send for pedigree and price to

A. W. BROWN & SONS
West Winfield, N. Y.

HOLSTEINS

30 registered heifers bred. 25 registered heifers not bred. 25 registered cows fresh and springers. 20 registered bulls, 30 high grade fresh and springers. 20 stripper cows, 5 2-year-olds. at farmers prices. 7-8 Holstein heifer calves $20 to $25 each express paid in lots of 5 come at once

JOHN C. REAGAN, Tully, N. Y.

BULL WANTED

Send pedigree and photo of the best bull that you can offer us for $1000.00. A good bull calf for sale cheap. Dam 23.075 butter. Price $50. Address

F. A. House, Supt. Eagle Bay Farm
Silver Creek, N. Y.

$100

Buys a 28.82-lb. bull calf, nicely marked and fine individual.

HAROLD HUBBS
Kirkville, N. Y.

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.38 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr.
Rochester, Minn.

I Can Save You Money and and Make You Money

If you will breed your cows to our great 37 lb. bull, King Prilly Konigen, son of Diona Konigen Pietertje, or, our son of King Korndyke Sadie Vale from a 30 lb. daughter of Sir Veeman Hengerveld. Both individually perfect. The price is reasonable. Small herds cannot afford to own such good sires.

F. A. TINKER, Salisbury Center, N. Y.

Only One Bull For Sale

And he is a Corker. Sire, a son of a world's record cow, 35.61 lbs. in 7 days; dam, daughter of Aaggie Cornucopia Johanna Lad, with 7, 30-day and yearly records. Averages over 30 lbs. for two nearest dams. Over 16 months old, ready for hard service. Have been holding him at $350. Too much bull not to be heading a herd. Can you use him at $200?

CLOVERDALE FARM
C. S. Lunt, Owner Charlotte, N. Y.

Bulls ! Bulls !

Two grandsons of King Segis Pontiac Alcartra and a 32-lb. cow also a son of Sir Echo Sylvia Pontiac from a daughter of King Segis Alcartra Pontiac. The 20 nearest dams of Sir Echo Sylvia Pontiac average nearly 30-lb.

Calves are light in color and fine individuals.

C. B. MARSHALL
Morrisville New York

NU WAY

Offers for sale an exceptionally well bred calf. Born April 1918, light in color, sired by K. K. S. V. Pontiac whose 6 nearest dams average over 33 lbs. butter in 7 days. Dam's record 20.78 as junior 3-year-old.

Price $250, with all papers, crated, F. O. B.

D. W. MORRIS & SONS
West Winfield, N. Y.

THE MADISON-CHENANGO COUNTIES
HOLSTEIN-FRIESIAN BREEDERS CLUB
The Hub of the Hub for Healthy Holsteins

H. C. WOOD, Sec.-Treas.
Morrisville New York

Up-to-date

TYPEWRITTEN PEDIGREES

One Dollar Each
Sale Catalogs, $2.60 per page
For three hundred copies

Give name and number of sire and dam of animals having numbers above 391505 in cows and 216625 in bulls.

F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio

Owing to long-continued illness I have decided to sell immediately part or all of the Lakeside Herd, including heifer calves, yearling heifers, bred heifers, cows and bulls of various ages—several of them from dams with records of 30 to 35 lb. butter in a week. A rare chance for parties who wish to breed a high class herd embracing individuality, breeding and production.

E. A. POWELL

904 W. Genesee St. Syracuse, N. Y.

PEDIGREES
and
SALE CATALOGS
Compiled from our proven satisfactory system.

Herd Registers
Certificate Envelopes
Booklets : Circulars : Stationery
Special Art and Sign Department
Send for samples and prices

Live Stock Printing Company
La Grange, Illinois

TWO FOR $500

Bull ready for service; dam of sire holds world's record for milk and butter, 47 lbs. butter and 801 lbs. milk in seven days. Also two-year-old heifer by a sire who has a 40-lb. and a 32-lb. daughter. Heifer in calf to a 30-lb. grandson of Pontiac Korndyke. Good individuals, nicely marked.

JOHN WHALING & SONS
Carthage, N. Y.

WANTED—March 1st, 1919, married man with small family, preferably man about 30 years of age as foreman on farm of 120 acres in Central New York with herd of 15 purebred Holsteins. Milking machine and modern improvements. All of spring plowing is completed. Must be willing worker, good habits and neat. Experienced in doing A. R. O. work and balancing rations. Must be able to show profit for owner. Give references and wages expected in first letter. **Box W, care Holstein-Friesian World, Syracuse, N. Y.**

$90

Buys a $250 Bull Calf

Sired by a brother to King Segis Pontiac Alcartra the $50,000 bull and King Segis Pontiac Count, sire of the great world's record 2 and 3 yr. old heifers. Sire's dam, a 32 lb. daughter of Colantha Johanna Lad. 21 30 lb. daughters and 27 over 600 lbs. milk in 7 days.

Dam of calf a 22 lb. granddaughter of Colantha Johanna Lad, a show heifer, a 30 lb. prospect. Calf a beauty, 2-3 white, nearly 2 mo. old, perfect individual. His three nearest dams average over 30 lb.

Express prepaid. Sale arrival guaranteed.

FAR VIEW FARMS
C. D. FORTNAM Tyler Hill, Pa.

INDIVIDUALLY RIGHT

A SHOW BULL

Sir Veeman Angelique
10 mo. old

One-half white and one of the best you ever saw. He is by a son of Sir Veeman Hengerveld from a daughter of K. K. S. V. His dam is an 18.51-lb. 2-year-old granddaughter of King Korndyke Sadie Vale. Next dam 21-lb. and third dam with 26-lb. He is priced to sell.

P. R. Crothers & Son, Badger, S. Dak.
F. E. Johnson, Hetland, S. Dak.

BRED RIGHT

READY FOR SERVICE

Opportunity Knocks but Once

First check for $350 takes 3 head crated f. o. b.

1. Heifer, born April 16, 1918, 80% white by a 27-lb. son of Rag Apple Korndyke 8th.
2. Heifer, born Feb. 19th, by a 30-lb. son of Pietertje Hengerveld Segis.
3. Bull, born Aug. 28th, by K. K. S V Poland whose 5 nearest dams average 33.48-lb. butter. Dam a granddaughter of Vikina Johanna 39.44.

F. HOWARD JUDD Linden, N. Y.

Rag Apple Korndyke

Two sons born October and November light in color, very fine every way. Dams are untested. Also several choicely bred females for sale.

J. G. Kerrick
Towanda, Pa.

King Rag Apple Colantha, Rag Apple Korndyke 8th, Colantha Johanna Lad, Sir Veeman Hengerveld are the four nearest sires of **Zuyderz Rag Apple Veeman**, born Aug. 28, 1918. Dam: A 25 lb. daughter of Sir Veeman Hengerveld. Priced to sell.

L. B. Taylor,
Lake Mills, Wis.,
or
E. H. Smith,
Duluth, Minn.

ZUYDERZ HOLSTEINS

FOR SALE

2 sons of King Valdessa whose four nearest dams average 25.88 lbs. and 31.30 lbs. respectively. Dams are mother and daughter and each weighed over 1800 lbs. before calving and were not fat. Also one grandson of Judge Segis out of a 21.25 lb. dam. Dam is now on semi-official test and made over 1100 lbs. of milk in October, the 11th month in test. These bulls are straight and fine looking animals and are ready for service. Other bull calves for sale from official and semi-official dams.

ALLIQUIPPA FARM
Newtown Square Pa.

THE FIRST TWO TESTED

The first two daughters of Waconda Sir Cornucopia Korndyke 113634 to be tested have made as follows:

No. 1—at 1 year 11 months 6 days, who dropped a calf at 7 months, has a record of 21.67 lbs. butter and 373.7 lbs. milk in 7 days, with 4.64 per cent fat.

No. 2—at 2 years, 2 months, has a record of 17.365 lbs. butter and 338.2 lbs. milk in 7 days, with 4.1 per cent fat.

Owned by DAVID B. H. DALRYMPLE, Otselic, N. Y.

L. D. UPHAM, Lebanon, N. Y. C. S. HOLCOMB, Plymouth, N. Y.

NORTH STAR HERD—State and Federal Accredited

Bull calves by a sire with an average of 32.56 lb. for his two nearest dams, their records being made as 4-year-olds, from dams noted for Family, Form and Fulfilment. I also have some good sons of Johanna Bonheur Champion, brothers therefore to the Grand Champion at the National this year. Write for charts and prices.

W. S. MOSCRIP Lake Elmo, Minn.

RENGEDYKE FARM

EUGENE D. HOFELLER

We can now offer our first bull calves from our young herd sire, TIDY ABBEKERK PRINCE 16th, from high record dams of the most popular breeding. Write for pedigrees and prices.

Farm at Water Valley, N. Y. Business Office Marine Nat'l Bank Bldg., Buffalo, N. Y.

COLLEGE KING SEGIS ALCARTRA, 206680

Herd Sire of U. College Holstein Farm

As an individual he has no superior. As to breeding and pedigree but few equals. His sire the great $50,000 bull. His dam a 35.61-lb. former world's record four-year-old. ONLY THREE BULLS LEFT. From excellent A. R. O. dams. Just coming into service. Conformation and breeding right. If you want one of these you will have to hurry.

Harvey A. Morrison, President — UNION COLLEGE, College View, Neb. — Chas. Williams, Herd Supt.

UNITED STATES DISCIPLINARY BARRACKS, FARM COLONY

REGISTERED HOLSTEIN BULLS

1 to 12 months.

Good, straight, well-marked calves, mostly from A. R. O. dams and excellent sires. Price, $50.00 up. Write for particulars, or come and visit our dairy department and see for yourself.

United States Disciplinary Barracks, Farm Colony
Box G. Fort Leavenworth, Kansas.

BLOOD ROYAL

Watch for his breeding.

F. H. Huetson & Sons Mexico, N. Y.

BULLS

Sired by Sir Johanna Korndyke Fayne from fine large cows weighing from 1200 to 1600 lbs. Many of the dams have A. R. O. records.

A. S. SLINDEE Adams, Minn.

Choice of 30-lb. Twin Bulls For $500

Grandsons of It and Spring Farm Pontiac Cornucopia. Five dams including a 23-mo-old heifer average 33.6 lb. butter in 7 days. Average fat above 4. per cent. They are light colored, nicely marked and straight as soldiers. Nearly ready for service. Photo and pedigrees.

C. W. NEWMAN Wyalusing, Pa.

FOR SALE

A bull born April 22, 1918, more white than black, extra nice young fellow. His sire's five nearest dams average a little over 640-lb. milk with 33.96-lb. butter in 7 days. For particulars address

J. H. VAN DOREN

Three Bridges, N. J.

FOR SALE

5 Registered Holstein Heifer Calves 2 weeks to 2 months old. From extra good stock. Price low for quick sale.

Inquire of

J. B. MITCHELL

Remsen, N. Y. R.F.D. No. 1

DUTCH CORNER

Sired by Governor Walker Lyons No. 196616. A young bull whose 7 nearest dams average 32 lbs.

Two bull calves born November, 1918. Large, strong-boned, straight and square.

One light, from a 25.05 lb. dam, 2d dam 27.5 lb. The other dark, from a 24.72-lb. 3-year-old, 2d dam 25.05 lb. 3d dam 27.5 lb.

Your choice $200.00 express prepaid, satisfaction and safe delivery guaranteed. Send for photo and pedigree.

JOHN J. WALRATH
East Springfield, N. Y.

"BULL CALF"

Born June 15. Dam, Lockhart Bessie De Kol 2d No. 150641, milk 583.6, butter 24.85 at three and one half years. Sire Lockhart King Lilith No. 203078, his dam 31 lbs., his sire's seven nearest dams all 30 lb. cows. Calf is a nice individual, little over one half black, good size. Price $125.00 if taken at once.

One other born March 16, 1918, from same sire. Dam an 18 lb. three year old. Price $125.00. Very light in color. Will be tuberculin tested, crated and delivered at Solsville with papers.

EUGENE LaMUNION, Prop.
LaMunion Holstein Farm, Solsville, N. Y.

JAYEMA FARM HOLSTEINS

For Sale. A bull calf sired by a 33.141 lb. son of King Hengerveld Aaggie Fayne and Valdessa Ormsby De Kol. Calf's seven nearest dams average 26.77 lbs. A beauty. Also young stock of both sexes sired by sons of Korndyke Abbekerk and Pietje Alcartra Fayne. Mostly from A. R. O. dams.

DR. J. M. ALLEN, Owner,
St. Johnsbury, Vt.

Breeders Attention

Prize winning yearling bull for sale. He has size, health, good A. R. O. breeding and is beautifully marked. His dam made over 25 lb. butter at 4 years, and increased it to 27.16 lb. from 588 lb. milk at 7 years and is being continued on semi-official and promises to make an exceptional record. His sire is a grand individual out of the best individual and a great producing daughter of Sir Pietertje Ormsby Mercedes. The Premier Sire of Show Ring Winners. His sire was a first prize winner at the National Dairy Show.

The calf must be seen to be appreciated. Price $400.00 f. o. b. cars at Wheaton.

Also several bull calves with exceptional breeding. Send for circular. Herd on state accredited list.

STEIDL BROS. Wheaton, Minn.

BLUE BOOK

To Make a Real Success of His Business a Holstein-Friesian Breeder Must Have the Blue Book

Do you want to succeed in the business of breeding Holsteins? If you do, you need the Blue Book. Do you wish to aid in the improvement of the greatest dairy breed on earth? If you do, you must have the Blue Book. All experienced breeders consider the book indispensable in tracing the breeding and relationship of Advanced Registry animals, and no other kind should head your herd.

The 29th volume will be ready for distribution in November, and will contain about 1,500 pages of condensed information relating to Holstein-Friesian cattle. The official name of the book is the Advanced Register Year Book, and the price of the 29th volume is $2.25 per copy. We have yet a very few copies of the 24th volume and a limited supply of volumes 25, 26, 27 and 28. These back volumes, except the 28th, may be had at $2.00 per copy while they last. The price of the 28th volume is $2.25 per copy. Subscribe now for the 29th volume, and be among the first to receive it. Send all applications with price to

M. H. GARDNER, Supt. A.R.
Delavan, Wis.

Another Satisfied Customer

Orchard Grove Farms sold. But we still have a bull calf sired by King Korndyke Maud Veeman, by the great King Korndyke Sadie Vale from Maud Veeman Hengerveld, the first 30-lb. daughter of Sir Veeman Hengerveld. The dam of this young bull is by a son of Spring Farm King Pontiac from a 19-lb. 3-year-old daughter of De Gel 3d Sarcastic Lad. He is nearly white and individually hard to fault. Ready for service by Jan. 1st. We have another bull by our herd sire from a cow that made 19-lb. under adverse conditions. Also 4 young nicely bred females—all priced low for quick sale. Write for prices and extended pedigrees.

WILLIAM W. SHANNON
Carthage, N. Y.

A "Colantha" Bull

Born Feb. 12, 1918. Good individual ¾ white. Sired by one of the best sons of Colantha Johanna Lad from Maple Knoll Snowflake 2d, a senior 3-yr-old with 22.25-lb. butter from 515.8-lb. milk. She by Ormsby Korndyke Lad with five 30-lb daughters.

Maple Knoll Farm

H. D. SEELY Goshen, N. Y.

FOR SALE

My entire herd of registered Holsteins consisting of 27 females. The herd is headed by a son of Spring Farm King Pontiac, a 37-lb. son of King of the Pontiacs.

NORMAN G. ARNOLD
Venice Center, N. Y.

Registered Holstein Females

For Sale. Young cows, right in every way, tuberculin tested, to freshen this fall and early winter. Herd sire, Sir Korndyke Segis Beets 4th, from 27-lb. dam, average per cent fat 4.29. Also, daughters of above sire, from one month to two years.

C. E. MOON, R. F. D. 3, Canasteta, N. Y.

BLACKBURNS
FOURTH ANNUAL SALE
—of—
REGISTERED HOLSTEINS
FEB. 25, 1919

100 head of the best Holsteins ever offered at auction in Ohio. 50 big, fresh cows and close springers. 25 heifers bred to my 36 lb. Herd Sire.
(The Best Bred Bull in Ohio)
(Write for particulars)

Dr. A. D. BLACKBURN
Cuba, Ohio

ADVERTISE
in the
Holstein-Friesian World

YOU WERE TOO LATE

THE BULL offered in last weeks issue is sold. THIS WEEK we offer you Rosemont Spray Beauty Lyons, No. 220652. His SIRE'S dam Aaggie Beauty of Lindenwood, 30.16 lb. butter, 4.96 per cent fat. is a sister to Lindenwood Hope, 30.61 lb. butter in 7 days and 1164 lb. butter in 365 days. This record was the Sr. 4-year-old record and was held by her for four years. The dam of this bull is Lyons Colantha Spray, 23.58 lb. butter, 518.40 lb. milk in 7 days. "THE BEST is none too good" and he is one of the best individuals I ever owned. If you want a GOOD one let me tell you all you want to know about him.

MAPLE AVENUE STOCK FARM
L. E. CONNELL, Prop. Fayette, Ohio

4.83% Fat

is the average of the fifty nearest female relatives of my herd sire. He is a son of Friend Hengerveld De Kol Butter Boy, from a 30-lb.-1226-lb. daughter of Pontiac Aaggie Korndyke, a son of

Pontiac Korndyke

I am going to place one of his sons in every state in the Union. Beginning with January I will offer one of his sons each month.

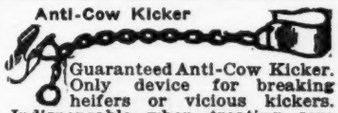
To the Highest Bidder

Contest to close on last day of each month. Send for pedigree and bid just a little higher than the other fellow, as you will be out of the race when there is one placed in your state.

Will accept Liberty Bonds, or a good note.

David Falconer
Scottville, Michigan

Anti-Cow Kicker



Guaranteed Anti-Cow Kicker. Only device for breaking heifers or vicious kickers. Indispensable when treating sore teats or udders. Money refunded if not satisfactory. Parcel Post $1.25. The Moore Bros. of Albany, N. Y. 149 Hudson Ave.

HERE IS A GOOD ONE

Ready for service, priced right, and will increase in value. His dam is a splendid young daughter of Admiral Gelsche Hamilton (40 A. R. O. daughters). She made 16.25 lb. butter from better than 50 lb. milk per day at just over 2 years. We feel she will double this record as she is a splendid dairy animal. Calf is sired by a 33-lb. son of Sir Johanna Rag Apple De Kol. A handsome individual, little more black than white. Price $250.

ARCHIE REID, JR.
Janesville, Wis.

Canada Breeds The Best

If You Want More Like

Carnation King Sylvia
The $106,000 Bull
or
Het Loo Pietertje
The $12,750 Heifer

Why Not Go
Where the Top-Notchers are Produced

All information from the Holstein-Friesian Association of Canada.

President—Dr. S. F. Tolmie, M. P., Victoria, B. C., Canada.

Secretary—W. A. Clemons, St. George, Ont., Canada.

A Grandson of King Segis
and
De Kol 2d's Butter Boy 3d

Walker Copia Champion 101262. His dam and sire's dam held world records in their day. He is first cousin to Segis Fayne Johanna, King Korndyke Sadie Vale, King Segis Pontiac Count and King Segis Pontiac Konigen; and his dam is comparable to theirs. But he is seven years old and can be bought at 1-20 of their price.

H. B. COWLES 608 Kan. Ave.,
Topeka, Kansas

Fairlawn Farm Holsteins

Have size combined with show type and good production. Herd sire, Sir Ormsby Korndyke Mechthilde No. 115312. Brother to the sire of Duchess Skylark Ormsby. Bulls 10 mo. and under for sale out of tested dams with records up to 19 lbs. at 2 years. Also junior champion bull at 3 big shows. 2 years old. Write for prices and pedigree.

J. H. CLEVERLEY Maxwell, Iowa

Typewritten Pedigrees

Four generations, each 50c
Three copies 75c
Sale catalogs per page, for 250 copies $2.50
Send name, number, sex and date of birth.
Property owners pedigree blanks and auction bills. Correspondence solicited.

JESSE WARD Alden, N. Y.

Bull Calf—Born April 16, 1918

Sired by Sir Korndyke Pontiac Artis Jr. with 17 A. R. O. daughters up to 31 lbs. as 3-year-olds. He by Sir Korndyke Pontiac Artis (3 30-lb. daughters) from Maud Veeman Hengerveld, a 30-lb. daughter of Sir Veeman Hengerveld.

Dam of calf is Colantha Lillian Walker with 24.92 of butter from 572.5 lbs. milk. She by Colantha Johanna Lad (20 30-lb. daughters) from Lillian Walker 3d (28.74 lbs.), She by Sir Korndyke Manor De Kol from the famous Lillian Walker (24.04 lbs.). Every dam in this pedigree is above 24 lbs.

WALLACE HOLSTEIN CO. Wallingford, Conn.

GIVE THIS THE ONCE OVER

Just Bulls? NO, REGULAR BULLS. Sire, a 34.49-lb. son of S. P. M. and he's got a 42.31-lb. sister. Dams, daughters of Colantha Johanna Champion, a son of Colantha 4th's Johanna, 35.22 lbs., and the only cow with all world's records. Sure champions. Got 30-lb. daughters, five of 'em. World's records in their pedigree and you don't have to hunt to find them, either.

W. J. Gillett & Sons "HOME OF THE JOHANNAS" Rosendale, Wis.

Grandsons of King of the Pontiacs and a 39-lb. Cow

Sons of King Pontiac Charity Beets from A. R. O. dams. Also sons of Sir Rag Apple Korndyke Hengerveld, a son of a 39.28 lb. cow. Priced to sell

BELLEFONT FARMS

PATTERSON & DICKINSON Bellefontaine, Ohio.

Two Sons of KING MODEL

We have just 2 sons of the great King Model to offer. One is from an 18-lb. granddaughter of Homestead Girl De Kol Sarcastic Lad, the other is from a 24-lb. cow. Bargain prices if sold right soon.

H. PERKINS & SON Red Creek, N. Y.

CAN YOU BEAT IT IN IOWA?

Herd sire, Tall Oaks Pontiac Korndyke—47 per cent of the blood of Pontiac Korndyke; 56.25 per cent same breeding as Pontiac Clothilde De Kol 2d

TALL OAKS FARM Myron E. Talcott **Randalia, Iowa**

HEIFER AND BULL CALVES

Conditions compel us to offer nearly our entire crop of calves both male and female. Many of them sired by a son of King of the Sadie Vales and descendants of K. P. Pontiac Lass on their dam's side. Some of them have yearly record backing. A great opportunity for one wishing to purchase a number of heifer calves all by one sire.

PRICES REASONABLE, BREEDING CONSIDERED
No bulls of service age to offer.

IRVING N. ROE Branchville, N. J.

How Would You Better This Combination?

A son of King Korndyke Sadie Vale Wayne and **Finderne Wayne Pontiac**, a 25.55-lb. junior 2-year-old daughter of Gorden Glen Pontiac, from a 27.02-lb. daughter of Lord Netherland De Kol, and individually one of the finest cows you ever saw..

King Korndyke Sadie Vale Wayne is a son of King Korndyke Sadie Vale, from a 29-lb. daughter of Sir Veeman Hengerveld.

The four nearest dams of this calf average over 30 lbs. butter.

We have other very choice youngsters at reasonable figures.

JABEZ SMITH & SON Newark Valley, N. Y.

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

B. V. KELLEY
2731 So. Salina St.
Syracuse, New York

AUCTIONEER

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER
Algonquin Illinois

AUCTIONEER

Satisfied customers my best advertising. Write or wire early for dates, as I sell nearly every day during the sale season.

GEORGE W. BAXTER
Elmira, N. Y.

WHITE

knows pedigrees, values, individuality and the buyers. His knowledge and services are at your command. Good in Box, Ring or anywhere you put him.

ROY L. WHITE, Woodstock, Ill.

"THINK"
COL. D. L. PERRY
THE HOLSTEIN AUCTIONEER
I also sell satisfaction
COLUMBUS, OHIO

THE HIGH DOLLAR
For Your Holsteins With
J. E. MACK
Ft. Atkinson, Wis.
IN THE BOX

Go Over the Top With Your Holstein Sale
HESS & HAMMOND
AUCTIONEERS
C. M. Hess, Akron, O.
H. C. Hammond, Copley, O.

W. H. KRAUSE
Wisconsin's Live Wire in Holstein Sales
Write for Dates
THORP, WISCONSIN

AUCTIONEER LIVESTOCK

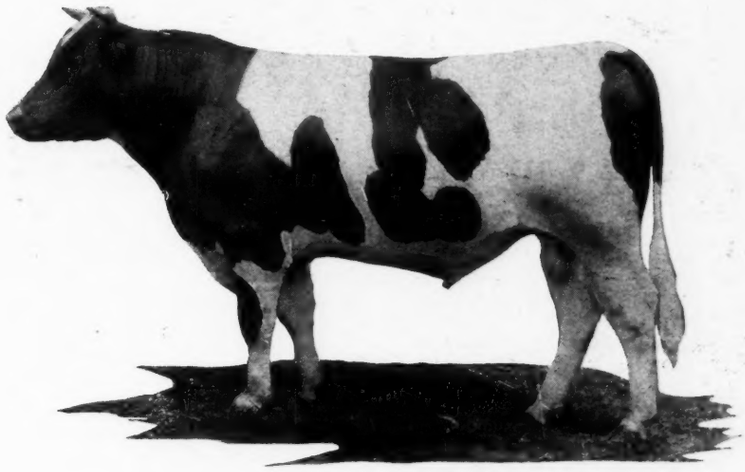
BLACK AND WHITE SPECIALIST

With years of successful selling experience which will assure you of satisfaction and greatest efficiency at your sale ring if you place your dates with

C. FRED PARSONS Oswego, N. Y.

America's Foremost Herd

King Valdessa Pontiac

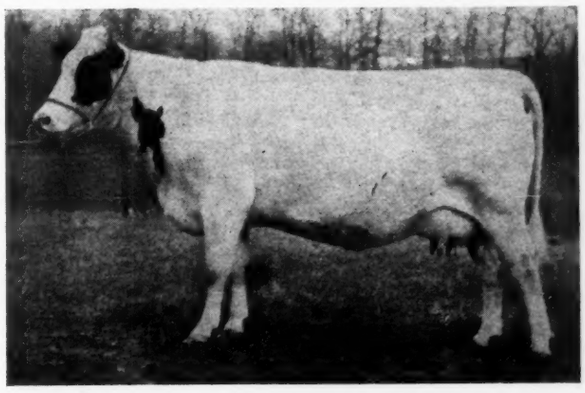


The bull that because of his rich inheritance of the world's greatest producing blood and because of his faultless individuality was selected to head this herd. A son of King Valdessa and Mabel Segis Korndyke, the former world's champion four-year-old.

Another of Our Foundation Cows

Carrie Colantha Artis

Born March 23, 1912



Butter	32.51
Milk	503.80
Average fat	5.16

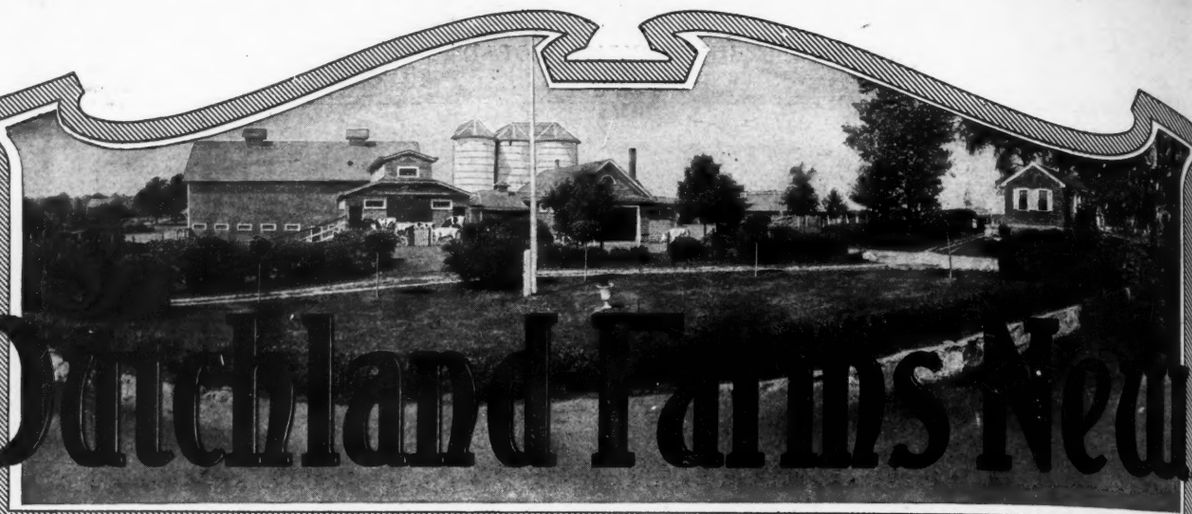
Carrie Colantha Artis was one of our very first foundation cows and was selected chiefly because of her pleasing conformation, her fine straight back and evenly balanced and well carried udder.

Her present record is the first time she was ever tested and speaks well for her ability as a producer. She is all we could possibly expect of her in this regard.

Through her sire she traces to Bernardo Tula De Kol, one of the best show bulls of his dam while her dam is a daughter of Johanna De Colantha Lad 2d, a grandson of the St. Louis Champion Sarcastic Lad.

On December 4th of this year she dropped a beautiful young bull sired by Superba Lord Rag Apple, a matchless individual son of Rag Apple Korndyke 8th from a 35-lb. dam. This gives the calf an average of close to 33 lb. for his two nearest dams. He is for immediate sale and pedigree with photo and price will gladly be sent to those interested.

BELL HERD John A. Bell, Jr. Owner **Coraopolis, Pa.**



Dutchland Farms News

Concerning the Greatest Milk Producing Herd in the World

0 + 0 = 0

How can you expect to improve your herd unless you add better blood? Start the new year right by bringing into your herd the blood of Dutchland Konigen Perfection whom we are now offering for $1200.

HIS SIRE is King Segis Pontiac Konigen whose three nearest dams show an average production of over 38 lbs. of butter in seven days and 107 lbs. of milk each in a day—a 40-lb. sire that has made good. His first eighteen daughters tested show an average production of 22 lbs. of butter and 500 lbs. of milk, and his first daughter, Segis Pontiac Dewdrop, to enter yearly test has just **BROKEN THE WORLD'S RECORD** by making 21.8 lbs. of butter from 455.8 lbs. of milk in seven days, eight months after calving (record being made at the age of three years and seven months.)

HIS DAM is Dutchland Colantha Welcome Lady. She has just completed a record of 23.6 lbs. of butter from over 500 lbs. of milk as a three-year-old, and individually is one of the very nicest daughters of Colantha, weighing about 1600 lbs. Her dam, Dutchland Rag Apple, likewise a splendid individual, is a daughter of our former herd sire, **Dutchland Sir Pontiac Rag Apple,** a sister to the four-year-old that is now making between 39 and 40 lbs.). She has a 26-lb. record in seven days and a yearly record of 854.15 lbs. of butter and 18844 lbs. of milk. That is, we are offering you a Konigen son from a 23-lb. 3-year-old, Colantha daughter whose dam and sire's dam show an average yearly production of over 1000 lbs. of butter and 23,000 lbs. of milk.

Dutchland Konigen Perfection is about two months old, mostly white, and a very attractive individual. The dam is entered in yearly test and looks like 1000 lbs. of butter and 20,000 lbs. of milk. We are offering this bull at present for $1200, but as the record progresses the price will increase, and if you are looking for a real bargain, wire us to reserve Dutchland Konigen Perfection for you. Other bulls advertised are sold.

FRED F. FIELD
DUTCHLAND
MONTELLO STATION

HOLSTEIN CO.
FARMS
BROCKTON MASS.

"THE HOME OF PRODUCING DAMS."